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American Seeds

1902



1903

PINUS
PALUSTRIS

LONG LEAF
PINE

Pinehurst Nurseries

Otto Katzenstein
Manager

Pinehurst, N. C., U. S. A.

CABLE ADDRESS:

NURSERIES, PINEHURST, N. C.

PLEASE NOTE.

TERMS: Cash with order, or satisfactory references from unknown correspondents. We allow a discount of 5 per cent. for cash with order and 2 per cent. for remittances within thirty days from date of invoice. All accounts will become due (and subject to draft) ninety days from date of invoice, unless other arrangements have been made.

FOREIGN REMITTANCES are payable in dollars and cents and should be sent by international money orders on Pinehurst, N. C., post-office, or draft on a New York bank. *We request that payments not be made in foreign postage stamps or individual foreign checks.*

EARLY ORDERS: We do not sell any old seeds and do not take in stock much more than we can be reasonably sure to sell during the present season. It is imperative, therefore, that orders, especially for large quantities, should reach us at as early a date as ever convenient. All orders will be accepted subject to crop accidents and limits to crops.

POSTAGE PREPAID: We prepay postage on all seeds sold at package rates, but charge postage for seeds in bulk. Domestic and foreign postage for seeds is 1 cent for every 2 ounces. Limit of weight in domestic mails is 4 pounds, in foreign mails 12½ ounces.

PARCELS POST packages are very convenient for shipment of perishable seeds to Germany and a few other countries. The rate is 12 cents per pound or fraction thereof, and the limit of weight is eleven pounds (5 kg).

FREIGHT AND EXPRESS: For larger quantities of seeds we desire to receive instructions as to kind of conveyance, or we shall ship at our own discretion. *All goods travel at risk of consignee.* Nearly all express companies allow a reduction of 20 per cent. from regular rates on shipment of seeds and plants.

FOREIGN SHIPMENTS: If not otherwise instructed we shall hand over all such consignments to our forwarding agents, Messrs. C. B. Richard & Co., 61 Broadway, New York City, who will also effect insurance if desired.

WARRANTY: While we exercise greatest care to have all our seeds, bulbs, etc., pure and reliable, they are sold without warranty and without any responsibility, expressed or implied, in respect to the crop. If our goods are not accepted on these terms they must be returned to us at once and money which has been paid us for them will be refunded.

HOW TO MAKE TREE SEEDS GROW: We have prepared a folder containing directions how to successfully germinate tree seeds, which we shall be pleased to send free to any address upon request.

AN EXCHANGE of catalogues, seed lists, botanical lists, etc., is desired.

THIS CATALOGUE CANCELS ALL PREVIOUS ISSUES.

LEONARD TUFTS, OWNER,
Boston, Mass.

OTTO KATZENSTEIN, MANAGER,
Pinehurst, N. C.

PINEHURST NURSERIES,

Otto Katzenstein, Manager.

DESCRIPTIVE CATALOGUE OF SEEDS

OF

American Conifers, Trees, Shrubs, Cacti,
Palms and Herbaceous Plants,

and of

Roots and Bulbs of Herbaceous Plants.

1902-1903.

We have been selling collected seeds of American plants now for five years, and the rapid increase of our patronage is best proof that our goods give general satisfaction. We shall continue to serve our customers with the best seeds obtainable, and any information concerning them will be cheerfully given.

As a perusal of the following pages will demonstrate, we have largely added to our collections, and many new and rare kinds will be found, which can be propagated successfully from seeds.

We have tried to make the DESCRIPTIONS as concise as possible, bringing out the facts most important to the grower especially.

In the NOMENCLATURE we have followed, as far as we could, Bailey's Encyclopedia of American Horticulture, which ought to be regarded as the standard now for all practical purposes.

As the HARDINESS of a plant is always a relative value at best, when one considers the local influences of climate and soil, we have designated such plants as hardy which are found so in the vicinity of Philadelphia and New York (40-42° latitude).

We wish to announce here that we are now the **sole representatives for all countries** for Mr. C. A. Purpus, the indefatigable botanist and explorer, to whom the world is indebted for many introductions of greatest value, of which we may mention here only the *ABIES ARIZONICA*. We shall handle all of his collections of seeds and plants, and we have included the results of the present campaign in the several lists of this catalogue.

We sincerely appreciate the liberal patronage granted us in the past and express the hope that not only our old friends may continue to favor us with their commands, but that all those whom our catalogue reaches for the first time will give us a trial.

CONIFERS.

Half-ounce at ounce rates; quarter-pound at pound rates; two and one-half pounds at ten pound rates.

‡ Generally hardy.

Quotations on large lots by correspondence.

		Oz.	Lb.	10 Lbs.
ABIES.	See also under Picea and Tsuga.			
‡ “	AMABILIS, Forb. -----	.40	3.00	
	True. Very ornamental. From California.			
‡ “	ARIZONICA, Merr. var. argentea.			
	<i>Silver Cork Fir</i> -----	2.50	20.00	
	The finest conifer under cultivation. See back cover for further description.			
‡ “	ARIZONICA NANA. <i>Dwarf Silver Cork Fir</i>	2.50	20.00	
	Dwarf form of the highest alpine regions, with perfectly white bark at the smallest branches.			
‡ “	BALSAMEA, Mill. <i>Balsam Fir</i> -----	.20	1.45	
‡ “	BRACTEATA, Nutt. <i>Santa Lucia Fir</i> ----	.55	8.00	
	Handsome, stiffly-pyramidal tree.			
‡ “	CONCOLOR, Lindl. & Gord. <i>California</i>			
	<i>Silver Fir</i> -----	.25	1.75	16.00
	Grayish bark and light green needles.			
‡ “	DOUGLASI. See Pseudotsuga.			
‡ “	FRASERI, L. <i>She Balsam</i> -----	.35	3.00	
‡ “	GRANDIS, Lindl. <i>Great Oregon Silver</i>			
	<i>Fir</i> -----	.30	2.00	
	Very ornamental hardy tree of slender, pyramidal habit and long dark green glossy needles.			
‡ “	MAGNIFICA, Murr. <i>Red Fir</i> -----	.45	3.00	28.00
	One of the best conifers. Blue-green needles.			
‡ “	MAGNIFICA SHASTENSIS, Lemm. -----	.50	4.50	
	Very rare form with very prominent bracts.			
‡ “	MENZIESI. See Picea sitchensis.			
‡ “	MERTENSIANA. See Tsuga m.			
‡ “	NOBILIS, Lindl. <i>Noble Fir, Tuck-Tuck</i>	.25	2.50	
	Thick, dark, blue-green needles. Very fine tree.			
‡ “	SUBALPINA, Eng. -----	.65	5.00	
	Very rare and attractive tree, with remarkably large and bluish-green needles.			
‡ CHAMAECYPARIS LAWSONIANA, Par. <i>Lawson's</i>				
	<i>Cypress</i> -----	.35	2.50	
‡ “	SPHAEROIDEA, Spach. <i>White Cedar</i> ---	.20	1.75	
CUPRESSUS GOVENIANA, Gord. -----		.30	2.50	
“	GUADALUPENSIS, Wats. -----	.30	2.75	
‡ “	LAWSONIANA. See Chamaecyparis l.			
“	MACNABIANA, Murr. -----	.25	2.00	
“	MACROCARPA, Hartw. ---from cultivated trees	.10	.90	

		Oz.	Lb.	10 Lbs.
	CUPRESSUS MACROCARPA----from original trees	.30	3.00	
†	“ THUYOIDES. See Chamaecyparis sphaer. None of the true Cupressus are quite hardy.			
†	JUNIPERUS OCCIDENTALIS, Hook. <i>Western</i> <i>Juniper</i> -----	.75	6.00	
†	“ PACHYPHLOEA, Torr. ----- Rare. Collected at 7000 ft. elevation; hardy and ornamental tree. Needles and branches are covered with exquisite blue bloom. Adapted to stiff soils and exposed sites.	.25	2.00	
†	“ SCOPULORUM ARGENTEA -----	.60		
†	“ VIRGINIANA, L. <i>Red Cedar</i> ----- Seeds of Juniperus generally “lay over” one year.	.10	.40	3.50
†	LIBOCEDRUS DECURRENS, Torr. <i>California</i> <i>White Cedar</i> -----	.25	3.00	
	Tall, slender, rapid-growing, very beautiful tree.			
	PICEA. See also under Abies.			
†	“ ALBA, Lk. <i>White Spruce</i> -----	.45	4.50	
	“ BREWERIANA, Wats. <i>Weeping Spruce</i> -- We have been promised delivery of a small quantity of seed of this “Queen of the Spruces,” which is so exceedingly rare under cultivation.	1.50	15.00	
	“ DOUGLASI. See Pseudotsuga.			
†	“ ENGELMANNI, Eng. <i>Engelmann's Spruce</i> ----- Extremely hardy and beautiful tree.	.60	4.50	40.00
†	“ ENGELMANNI ARGENTEA PENDULA ----- Weeping form, with silvery needles. Very rare.	1.00		
†	“ PUNGENS, Eng. <i>Colorado Blue Spruce</i> -- Unquestionably one of the finest conifers, with silvery-blue needles.	.40	3.75	32.00
†	“ SITCHENSIS, Tr. and Mey. <i>Tideland</i> <i>Spruce</i> -----	.35	4.00	35.00
	The crop will be quite limited.			
†	PINUS BALFOUREANA, Jeffrey. <i>Foxtail Pine</i> ---	.35	3.50	
†	“ BALFOUREANA ARISTATA, Eng. ----- Bushy, very handsome low tree or shrub.	.35	4.00	
	“ AUSTRALIS. See P. palustris.			
†	“ BANKSIANA, Lamb. <i>Gray Pine</i> -----	.75	8.00	
	“ BENTHAMIANA. See ponderosa.			
†	“ CONTORTA, Dougl. <i>Scrub Pine</i> -----	.60	6.00	
†	“ COULTERI, Don. <i>Pitch Pine</i> -----	.25	2.50	
†	“ EDULIS, Eng. <i>Nut Pine</i> ----- Small, handsome tree, with edible nuts.	.30	2.50	
†	“ FLEXILIS, James. <i>Limber Pine</i> ----- Good, hardy tree for rocky positions.	.50	4.00	
	“ FREMONTIANA. See P. monophylla.			
†	“ INSIGNIS, Dougl. (RADIATA, Gord.) <i>Monterey Pine</i> -----	.30	1.70	
†	“ JEFFREYI, Murr. <i>Bull Pine</i> ----- Very handsome pine of symmetrical growth. Very long needles.	.40	2.50	

		Oz.	Lb.	10 Lbs.
†	PINUS LAMBERTIANA, Dougl. <i>Sugar Pine</i> -----	.25	1.60	
	Enormous tree. Handsome, dark green needles.			
†	“ MITIS, Mx. (ECHINATA, Mill.) <i>Southern Short-leaved Pine</i> -----	.30	2.25	20.00
	Remarkably handsome, tall-growing tree. The crop promises well and we can accept large orders.			
†	“ MONOPHYLLA, Torr. & Frem. <i>Nut Pine</i>	.30	2.25	
†	“ MONTICOLA, Dougl. <i>Mountain White Pine</i> -----	.60	5.00	
	Handsome tree, resembling Pinus strobus.			
	MURICATA, Don. <i>Prickle-cone Pine</i> ----	.50	3.20	
†	“ MURRAYANA, Balf. <i>Tamarack Pine</i> ----	.75	6.50	60.00
	Prefers low ground and damp soil.			
	“ PALUSTRIS, Mill. <i>Long-leaved Pine</i> ----	.30	2.00	18.00
	Most important forest tree of the South. Produces “yellow pine” lumber, turpentine and other naval stores. Branches are much used for decorative work. “Southern Pine” potted plants are very handsome for decorations.			
	“ PARRYANA, Eng. (LLAVEANA, Torr.) <i>Nut Pine, Pinnon</i> -----	.50	4.00	
†	“ PONDEROSA, Dougl. <i>Bull Pine</i> -----	.30	2.00	
	Very tall tree. Luxuriant grower of great ornamental value. Prefers dry sites.			
†	“ RIGIDA, Mill. <i>Pitch Pine</i> -----	.30	3.00	25.00
	“ SABINIANA, Dougl. <i>Digger Pine</i> -----	.25	1.20	
	Seeds are edible.			
†	“ STROBUS, L. <i>White Pine</i> -----	.25	1.60	14.00
	The crop will be very short again this year and early orders, especially for larger lots, ought to reach us as soon as possible.			
	“ TAEDA, L. <i>Loblolly Pine</i> -----	.30	2.00	18.00
	Valuable and handsome Southern timber tree.			
	“ TORREYANA, Parry. <i>Soledad Pine</i> -----	.25	2.25	20.00
	“ TUBERCOLATA, Gord. <i>Knob-cone Pine</i> --	.50	3.50	
†	PSEUDOTSUGA DOUGLASI, Carr. <i>Douglas Spruce</i>	.25	2.25	20.00
	The crop will be only fair this year.			
†	“ DOUGLASI ARGENTEA PENDULA-----	.75	5.00	
	Drooping form. Drooping branches and silvery needles.			
†	SEQUOIA GIGANTEA, Torr. <i>Big Tree</i> -----	.75	5.00	
	Quite hardy and stands pruning caused by excessive frosts without lasting damage. A splendid ornamental tree.			
†	“ SEMPERVIRENS, Endl. <i>California Redwood</i> -----	.50	3.00	
	The tallest conifer known. Yields the excellent “redwood” lumber in the trade.			
†	TAXODIUM DISTICHUM, Rich. <i>Bald Cypress</i> ---	.10	.50	4.00
	Very valuable timber and ornamental tree.			
†	TAXUS BREVIFOLIA, Nutt. <i>Western Yew</i> -----	.85	10.00	
	Rare. Seed lays over one year. Slow grower.			
	THUYA CRAIGIANA. See Libocedrus decurrens.			
†	“ GIGANTEA, Nutt. (T. LOBBI, T. MENZIESI.) <i>Red Cedar</i> -----	.45	3.50	
†	“ OCCIDENTALIS, L. <i>American Arborvitae</i>	.25	1.50	12.00

		Oz.	Lb.	10 Lbs.
	TORREYA CALIFORNICA, Torr. <i>California Nutmeg</i>	.20	1.20	
†	TSUGA CANADENSIS, Carr. <i>Hemlock Spruce</i> ---	.40	4.50	
†	“ CAROLINIANA, Eng. <i>Carolina Hemlock</i>	.65	6.50	
	“ MERTENSIANA, Carr. <i>Western Hemlock</i>			
	<i>Spruce</i> -----	.75	6.00	
†	“ PATTONIANA, Eng. -----	.65	6.00	

TREES AND SHRUBS.

Half-ounce at ounce rates; quarter-pound at pound rates; two and one-half pounds at ten pound rates.

WE HAVE USED THE FOLLOWING ABBREVIATIONS IN OUR DESCRIPTIONS:

Prefixed e means evergreen; d, deciduous; t, tree; s, shrub; v, vine. So that et stands for evergreen tree; dv for deciduous vine; e indicates that the seed is delivered free from hulls, etc.; db, delivered as dried berries or in natural shell.

Our folder, "HOW TO MAKE TREE SEEDS GROW," will be sent upon request.

		Oz.	Lb.	10 Lbs.
dt	ACER CIRCINATUM, Pursh. <i>Vine Maple</i> ----	.15	1.50	
dt	“ DASYCARPUM, Ehr. <i>Silver or Soft Maple</i>	.15	.50	4.50
ds	“ GLABRUM, Torr. <i>Western Dwarf Maple</i>	.40	1.50	
	Very handsome, dark green, shiny leaves.			
dt	“ MACROPHYLLUM, Pursh. -----	.10	.75	
	Enormous leaves. Not entirely hardy.			
dt	“ NEGUNDO, L. <i>Box Elder</i> -----	.10	.35	3.00
dt	“ PENNSYLVANICUM, L. <i>Moosewood</i> ----	.15	1.50	
dt	“ RUBRUM, L. <i>Red or Scarlet Maple</i> ----	.15	1.50	
dt	“ SACCHARINUM, Wang. <i>Sugar Maple</i> --	.15	.75	7.00
	Ripens in September. Yields but twenty to fifty per cent. of growing seed.			
ds	“ SPICATUM, Lam. <i>Mountain Maple</i> ----	.25	1.50	
	Seeds of all <i>Acer</i> are very perishable and ought to be sown immediately upon receipt. They unavoidably contain a larger or smaller amount of faulty seeds.			
dt	AESCULUS HIPPOCASTANUM, L. <i>Horse</i>			
	<i>Chestnut</i> -----	.10	.25	2.00
dt	“ GLABRA, Willd. (PAVIA.) <i>American</i>			
	<i>Horse Chestnut</i> -----	.10	.35	3.00
	Splendid trees for street planting.			
dt	AILANTUS GLANDULOSA, Desf. <i>Tree of Heaven</i>	.10	.35	3.00
	Rapid grower, splendidly adapted to street trees. The female plants ought to be selected, as male plants exhale disagreeable odor during inflorescence.			
dt	ALBIZZIA JULIBRISSIN, Durraz. <i>Mimosa</i> ..c.	.10	.75	
	Very graceful tree. Hardy as far as Washington, D. C.			
ds	ALNUS INCANA, var. <i>virescens</i> -----	.50	4.00	

		Oz.	Lb.	10 Lbs.
dt	ALNUS RUBRA, Bong. (A. OREGANA, Nutt.)	.30	2.00	
	ALTHAEA. <i>Rose of Sharon.</i> See Hibiscus.			
ds	AMELANCHIER ALNIFOLIA, Nutt.-----	.35	2.50	
ds	" BOTRYAPIUM, DC. <i>Dwarf Juneberry</i> --	.15	1.20	
ds	" CANADENSIS, Med. <i>Shad Bush</i> -----	.20	1.25	
ds	" UTAHENSIS, Koehne-----	.25	3.00	
	Rare. Adapted to dry, rocky soil. All Amelanchier are very decorative, both in foliage and fruits.			
ds	AMORPHA FRUTICOSA, L. <i>Bastard Indigo</i> -c.	.35	3.50	
	Fine feathery leaves and dark purple flowers.			
ds	" MICROPHYLLA, Pursh. (NANA, Nutt.) <i>Lead Plant</i> -----c.	.60	6.00	
	Rare shrub of great beauty. Leaves finely pinnated.			
dv	AMPELOPSIS QUINQUEFOLIA, Mx. <i>Virginia Creeper</i> -----db.	.15	1.00	
dv	" QUINQUEFOLIA, var. vitacea, Knerr.--	.25	2.00	
	Colors finely, but does not cling to walls.			
dv	" VEITCHI, Hort. <i>Boston Ivy</i> -----db.	.20	1.50	
	ANDROMEDA ARBOREA. See Oxydendrum.			
	" CATESBAEI. See Leucothoe.			
	" MARIANA. See Pieris.			
	" NITIDA. See Pieris.			
dt	ARBUTUS MENZIESI, Pursh. <i>Madrona</i> -----	.25	1.50	
	Very handsome and quite hardy.			
es	ARCTOSTAPHYLOS GLAUCA, Lindl. <i>Great-berried Manzanita</i> -----	.15	1.25	
es	" PUNGENS, HBK. <i>Erect Manzanita</i> ----	.15	1.25	
es	" TOMENTOSA, Dougl. <i>Hardy Manzanita</i>	.20	2.00	
es	" UVA URSI, Spreng. <i>Trailing Bearberry</i>	.30	3.00	
dt	ASIMINA TRILOBA, Dun. <i>Papaw</i> -----c.	.10	.45	4.00
	Very handsome foliage and edible fruits.			
ds	ATRIPLEX CANESCENS, James-----	.35	3.00	
	AZALEA. See also Rhododendron.			
ds	" OCCIDENTALIS, T. & G.-----c.	1.25		
ds	" NUDIFLORA, L.-----c.	1.25		
ds	" VASEYI, Rehder-----db.	.45	4.50	
es	BERBERIS AQUIFOLIUM, Pursh. (MAHONIA.) <i>Asheberry</i> -----db.	.10	1.00	
es	" FREMONTI, Torr. <i>Fremont's Barberry</i> -----db.	.60		
	Splendid, rare shrub, with bluish-green, graceful foliage. Fruits are either blue or red and very large.			
es	" REPENS, Lindl. <i>Oregon Grape</i> -----	.25	2.00	
	Dwarf, with very handsome, holly-like foliage.			
ds	" THUNBERGI, DC. <i>Thunberg's Barberry</i> -----db.	.15	1.00	9.00

		Oz.	Lb.	10 Lbs.
ds	BERBERIS VULGARIS, L. <i>Common Bar-</i> <i>berry</i> -----db.	.10	.65	6.00
dt	BETULA OCCIDENTALIS, Hook. -----	.55	4.00	
dt	" LENTA, L. <i>Black or Sweet Birch</i> ----	.20	1.50	
dt	" LUTEA, Michx. <i>Yellow Birch</i> -----	.15	1.50	
dt	" PAPYRIFERA, Marsh. <i>Canoe Birch</i> ---	.15	1.50	
dt	" POPULIFOLIA, Ait. <i>White Birch</i> ----	.15	1.50	
ds	BIGELOVIA GRAVEOLENS, Gray. <i>Golden</i> <i>Feather</i> -----50c. per pkg.	4.50		
ds	" GRAVEOLENS ALBICAULIS 50c. per pkg.	5.00		
ev	BIGNONIA CAPREOLATA. <i>Cross Vine</i> -----c.	.25	1.50	
	" See also Tecoma.			
ds	CALLICARPA AMERICANA, L. <i>French Mul-</i> <i>berry</i> -----db.	.10	.40	3.50
	Remarkably handsome in foliage, flower and fruit.			
ds	CALYCANTHUS LAEVIGATUS, Willd. <i>Sweet</i> <i>Shrub</i> -----c.	.10	.55	5.00
	Generally offered as C. floridus, which, however, does hardly ever fruit in this country. Very fine flowers.			
ds	" OCCIDENTALIS, H. & A. <i>Western</i> <i>Sweet Shrub</i> -----db.	.20	2.25	
dt	CARPINUS CAROLINIANA, Walt. (AMERICANA.) <i>Hornbeam</i> -----c.	.10	.50	4.00
	CARYA. See Hicoria.			
dt	CASTANEA PUMILA, Mill. <i>Chinquapin</i> ----c.	.10	.35	3.00
	Fruits are very perishable and must be sown at once after receipt or be stratified, to protect against mice.			
et	CASTANOPSIS CHRYSOPHYLLA, DC. <i>Oregon</i> <i>Chinquapin</i> -----	.25	3.00	
	Very fine tree. Crop not quite certain.			
ds	CATALPA BIGNONIODES, Walt. -----c.	.10	.75	6.00
dt	" HYBRIDA, Spaeth. <i>Teas Japan</i> <i>Hybrid</i> -----c.	.10	.75	6.00
dt	" OVATA, Don. (KAEMPFERI, S. & Z.) <i>Chinese Catalpa</i> -----c.	.10	.75	6.00
ds	" SPECIOSA, Warder. <i>Western Catalpa</i> -c.	.10	.50	4.50
	Hardest species. A very rapid grower, which is much in demand now as a forest tree to furnish railroad ties and other timber. Grows in any soil, preferring med- ium heavy loam.			
ds	CEANOTHUS AMERICANUS, L. <i>New Jersey</i> <i>Tea</i> -----db.	.10	.45	4.00
	Low shrub, with magnificent panicles of white flowers in July. c.	.15	1.00	
ds	" DENTATUS, var. floribundus, Trel. ----	.40	4.00	
es	" FENDLERI, Gray -----c.	.35	2.00	
	Rare, graceful shrub, adapted for covering of dry, sandy banks.			
ds	" INTEGERRIMUS, H. & A. -----db.	.40	4.00	
	Flowers blue, sometimes white.			

		Oz.	Lb.	10 Lbs.
ds	CEANOTHUS PROSTRATUS, Benth. ----- Flowers blue.	.45	4.50	
ds	“ THYRSIFLORUS, Eschsch. ----- Flowers beautifully blue. Grows tall. Very fine.	.50	4.50	
es	“ VELUTINUS, Dougl. -----	.50	4.00	
dv	CELASTRUS ORBICULATUS, var. punctatus, Rehder ----- db.	.30		
	Bright red fruits in heavy, persistent clusters.			
dv	“ SCANDENS, L. <i>Bittersweet</i> ----- db.	.10	1.00	
	Orange-yellow fruits with crimson seeds.			
dt	CELTIS OCCIDENTALIS, L. <i>Nettle Tree, Sugar berry</i> -----	.10	.70	
	Rapid growing, tall tree of irregular shape.			
dt	“ OCCIDENTALIS, var. pumila, Gray -----	.20	1.50	
ds	CEPHALANTHUS OCCIDENTALIS, L. <i>Button Bush</i> ----- c.	.10	.75	6.00
	Dense growing shrub, with roundish heads of whitish flowers in early Summer. Splendid for damp ground.			
dt	CERCIS CANADENSIS, L. <i>Judas Tree, Red- bud</i> ----- c.	.20	.90	
dt	“ OCCIDENTALIS, Torr. <i>Western Judas Tree</i> -----	.30	3.20	
	Seeds ought to be softened by immersing in hot water just before sowing.			
ds	CERCOCARPUS LEDIFOLIUS, Nutt. <i>Hardy Tailfruit</i> ----- c.	2.00		
ds	“ PARVIFOLIUS, Nutt. <i>Mountain Mahogany</i> ----- c.	.60	5.00	
	A splendid, hardy, nearly evergreen shrub. White flowers resemble ostrich feathers. We have also a distinct mountain form, of which we offer seed at same price. Seed often lays over one year.			
CHAMAEBATIARIA. See Sorbaria.				
ds	CHIONANTHUS VIRGINICA, L. <i>Old Man's Beard, White Fringe</i> ----- c.	.15	.80	7.00
	The fringe-like white flowers appear in loose, drooping racemes in early Spring. An excellent hardy shrub. ----- db.	.10	.40	3.50
dt	CLADRASTIS TINCTORIA, Raf. <i>Yellow Wood</i> --	.25	3.00	
	Elegant tree, with magnificent flowers.			
dv	CLEMATIS LIGUSTICIFOLIA, Nutt. -----	.60	4.50	
dv	“ VITALBA, L. <i>Traveler's Joy</i> -----	1.50		
dv	“ VIRGINIANA, L. <i>Virgin's Bower</i> -----	.35	3.00	
	“ See also under Herbaceous Seeds.			
ds	CLETHRA ALNIFOLIA, L. <i>Sweet Pepper- bush</i> ----- db.	.10	.65	6.00
	The fragrant white flowers appear in upright racemes in Midsummer. Desirable for any soil.			
dt	CLIFTONIA LIGUSTRINA, Banks. <i>Ironwood</i> ----- db.	.10	.60	5.00
	Rare, nearly evergreen, medium-sized shrub. Foliage leathery, glossy green, coloring hand- c. somely in Fall. Flowers white in loose, drooping racemes. -----	.20	1.00	

		Oz.	Lb.	10 Lbs.
ds	CORNUS ALTERNIFOLIA, L. -----db.	.15	.75	7.00
ds	“ AMOMUM, Mill. <i>Purple Branched</i> <i>Dogwood</i> -----db.	.15	1.00	
ds	“ CANDIDISSIMA, Marsh. <i>White-fruited</i> <i>Dogwood</i> -----db.	.15	.85	
ds	“ CIRCINATA, L'Her. <i>Round-leaved</i> <i>Dogwood</i> -----db.	.25	1.25	
ds	“ FLORIDA, L. <i>White Flowering</i> <i>Dogwood</i> -----db.	.10	.25	2.00
	One of the most desirable hardy woody plants.			
dt	“ NUTTALLI, Aud. <i>California Flowering</i> <i>Dogwood</i> -----db.	.15	1.00	
	“ PANICULATA. See candidissima.			
ds	“ STOLONIFERA, Mx. <i>Osier Dogwood</i> -db.	.10	.40	3.00
	<i>Seeds of Cornus generally lay over one year.</i>			
ds	CORYLUS AMERICANA, Walt. <i>Hazelnut</i> -----	.10	.35	3.00
ds	COWANIA MEXICANA, Don. <i>Cliff Rose</i> ----c.	.35	3.00	
dt	CRATAEGUS COCCINEA. <i>Scarlet Thorn</i> ----db.	.10	.40	3.50
ds	“ CORDATA, Ait. <i>Washington Thorn</i> -db.	.15	1.00	
ds	“ CRUS-GALLI, L. <i>Cockspur Thorn</i> -db.	.10	.40	3.50
dt	“ DOUGLASI, Lindl. -----db.	1.50		
ds	“ TOMENTOSA, L. <i>Yellow-fruited</i> <i>Thorn</i> -----db.	.10	.40	
	<i>Seeds of Crataegus often lay over one year.</i>			
dt	DIOSPYROS VIRGINIANA, L. <i>Persimmon</i> ---c.	.10	.25	2.00
ds	DIRCA PALUSTRIS, L. <i>Leatherwood</i> -----c.	.15	1.50	
ds	EPHEDRA VIRIDIS, Greene -----	.25	2.50	
	<i>Rare, hardy shrub of evergreen aspect.</i>			
ds	EUONYMUS AMERICANUS, L. <i>Strawberry</i> <i>Bush</i> -----c.	.15	1.00	
	<i>Bright, light green leaves and rich green branches give the shrub an evergreen Winter effect. Fruit is rich crimson and very showy. Any soil.</i>			
ds	“ AMERICANUS ANGUSTIFOLIUS, Wood. <i>Narrow-leaved S.</i> -----c.	.15	1.00	
ds	“ ATROPURPUREUS, Jacqu. <i>Burning</i> <i>Bush</i> -----c.	.25	1.25	
es	“ JAPONICUS, Thunb. <i>Japanese Spindle</i> <i>Tree</i> -----c.	.15	1.00	
ds	EXOCHORDA GRANDIFLORA, Lindl. -----c.	.25	2.25	20.00
dt	FAGUS FERRUGINEA, Ait. (AMERICANA.) -c.	.10	.30	2.50
ds	FALLUGIA PARADOXA, Endl. -----c.	.25	3.00	
	<i>Rare, fine undershrub, with splendid white flowers.</i>			
dt	FRAXINUS AMERICANA, L. (ALBA.) <i>White</i> <i>Ash</i> -----c.	.10	.35	3.00
dt	“ CAROLINIANA, Mill. <i>Water Ash</i> ----c.	.20	1.50	

		Oz.	Lb.	10 Lbs.
dt	FRAXINUS OREGANA, Nutt. <i>Oregon Ash</i> ---c.	.20	1.35	
dt	" PLATYCARPA. See <i>F. caroliniana</i> .			
dt	" QUADRANGULATA, Mx. <i>Blue Ash</i> ---c.	.20	1.50	
dt	" VIRIDIS, Mx. <i>Green Ash</i> -----c.	.10	.50	4.00
	<i>Seeds of Fraxinus often lay over one year.</i>			
ds	FREMONTIA CALIFORNICA, Torr. <i>California</i> <i>Slippery Elm</i> -----db.	.75	8.50	
es	GARRYA ELLIPTICA, Dougl.-----	.80		
	<i>Fairly hardy, with remarkably attractive dark blue berries.</i>			
et	GORDONIA LASIANTHUS, Ellis. <i>Loblolly Bay</i> -c.	.40	3.00	
	<i>Very rare. Dark green, leathery foliage. White</i> db.	.10	.65	
dt	GYMNOCLADUS CANADENSIS, Lam. <i>Kentucky</i> <i>Coffee Tree</i> -----c.	.10	.40	3.50
	<i>Very desirable hardy street tree. Free from diseases.</i>			
dt	HALESIA DIPTERA, L. (MOHRODENDRON.) <i>Silver Bell</i> -----	.20	1.00	8.00
	<i>The white bell-shaped flowers appear in grand profusion in early Spring.</i>			
dt	" TETRAPTERA, L. <i>Snowdrop</i> -----	.20	.80	7.50
	<i>Grows taller than diptera. Seed is perishable and must be sown at once upon receipt.</i>			
ds	HAMAMELIS VIRGINICA, L. <i>Witch Hazel</i> ---c.	.15	.80	7.00
	<i>Yellow flowers appear in early Winter.</i>			
et	HETEROMELES ARBUTIFOLIA, Roem. <i>Californian Holly</i> -----db.	.20	1.50	
ds	HIBISCUS SYRIACUS. <i>Rose of Sharon</i> -----c.	.10	.65	
dt	HICORIA OVATA, Britt. (CARYA ALBA, Nutt.) <i>Shellbark Hickory</i> -----		.25	2.00
	\$10.00-100 lbs.			
dt	" MINIMA, Britt. (CARYA AMARA, Nutt.) <i>Swamp Hickory</i> -----		.20	1.65
	\$8.00-100 lbs.			
es	ILEX CORIACEA. <i>Tall Inkberry</i> -----db.	.15	.85	7.50
	<i>Glossy, stiff, dark green leaves. Abundance of glossy, black berries, which hang on all Winter. Bark of branches blackish.</i>			
ds	" DECIDUA, Walt.-----db.	.10	.50	4.50
es	" GLABRA, Gray. <i>Inkberry</i> -----db.	.10	.50	4.50
et	" OPACA, Ait. <i>American Holly</i> -----db.	.10	.30	2.50
ds	" VERTICILLATA, Gray. <i>Deciduous</i> <i>Holly</i> -----db.	.10	.35	3.00
	<i>Holly-like, deciduous holly. Bright red berries in small clusters hang on all Winter and make this shrub most desirable.</i>			
ds	IVESIA (POTENTILLA) PURPUSI, Brand.-----	1.20		
	<i>Entirely new and of greatest merit. Unsurpassable for rockeries. Flowers reddish-brown.</i>			
ds	JAMESIA AMERICANA, Torr. & Gr.-----c.	5.00		
	<i>Over 100,000 seeds to an ounce. Very fine white flowers. We send packages at twenty-five cents each.</i>			

		Oz.	Lb.	10 Lbs.
dt	JUGLANS CINEREA, L. <i>Butternut</i> -----db.		.20	1.50
	\$2.00 per bus.			
dt	" NIGRA, L. <i>Black Walnut</i> -----db.		.10	.80
	\$1.00 per bus.			
dt	" RUPESTRIS, Eng.-----db.	.15	1.00	
	Very rare and perfectly hardy handsome small tree, with graceful foliage.			
es	KALMIA LATIFOLIA, L. <i>Mountain Laurel</i> ---c.	.25	1.75	
	Well known, highly valued ornamental.			
	db.	.10	.45	4.00
dt	KOELREUTERIA PANICULATA, Laxm. <i>Varnish</i> <i>Tree</i> -----	.15	1.00	8.00
ds	LAGERSTROEMIA INDICA, L. <i>Crape Myrtle</i> ---c.	.35		
	A tall growing, regularly formed shrub with dark green leaves. The bright red or pink flowers are handsomely fringed and appear in large panicles in wonderful pro- fusion in Midsummer. Elegant tub plant where not hardy.			
	LAURUS BENZOIN. See <i>Lindera</i> .			
es	LEUCOTHOE CATESBAEI, Gr. <i>Dog Laurel</i> ---c.	.25	1.50	
	Shining, deep green leaves on long, slender branches. White bell-shaped flowers in early Spring along full length of branches. Beautiful shrub for moist places.			
	db.	.10	.65	6.00
es	LIGUSTRUM CHINENSE NANUM, Hort. (STAUNTONI, Rehd.)-----db.	.15	1.00	
ds	LINDERA BENZOIN, Meis. <i>Spice Wood</i> ---db.	.15	.80	
dt	LIQUIDAMBAR STYRACIFLUA, L. <i>Sweet Gum</i> ---c.	.35	1.80	15.00
	Lofty, symmetrical tree, valuable for street-planting. Magnificent Fall coloring of foliage.			
dt	LIRIODENDRON TULIPIFERA, L. <i>Tulip Tree</i> ---c.	.10	.35	3.00
	Elegant, rapid-growing tree. Flowers are greenish- yellow of tulip shape. Seed will germinate in limited percentage only and is liable to "lay over" two years.			
ev	LONICERA JAPONICA, DC. <i>Japanese Honey-</i> <i>suckle</i> -----db.	.15	.80	
ev	" SEMPERVIRENS, L. <i>Trumpet Honey-</i> <i>suckle</i> -----db.	.25	1.50	
	Dark, glaucous foliage and bright scarlet trumpet- shaped flowers.			
ds	" HISPIDULA, Dougl.-----db.	1.00		
ds	" INVOLUCRATA, Banks.-----db.	1.50		
ds	LYCIUM PALLIDUM, Miers. <i>Hardy Matrimony</i> <i>Vine</i> -----	1.00		
dt	MAGNOLIA ACUMINATA, L. <i>Cucumber</i> <i>Tree</i> -----db.	.10	.70	6.50
	Splendid, hardy ornamental. Very large foliage. Flowers yellow. Scarlet fruit pods cucumber-shaped.			
dt	" GLAUCA, L. <i>Sweet Bay</i> -----db.	.10	.65	6.00
	Nearly evergreen. Prefers moist ground. Leathery light green leaves, silvery underneath. Large white flowers appear in early Spring. Seed ripens in August.			

		Oz.	Lb.	10 Lbs.
et	MAGNOLIA GRANDIFLORA, L. (FOETIDA, Sarg.) <i>Great Magnolia</i> -----db.	.10	.70	6.50
	Very large bright green glossy leaves and magnificent white fragrant flowers in early summer. One of the grandest trees of the South. Where not hardy it ought to be cultivated in pots, when it will bloom early.			
dt	“ MACROPHYLLA, Mx. <i>Large-leaved Cucumber Tree</i> -----db.	.15	1.20	9.00
	Foliage and flowers of enormous size. Prefers moist locations.			
dt	“ TRIPETALA, L. <i>Umbrella Tree</i> ----db.	.15	1.00	9.00
	Handsome tree, with large leaves and flowers. <i>The outer skin has to be washed off Magnolia seeds just before sowing to insure good results, and the seed ought to be planted as soon as possible after ripening or be stored away in dry sand until Spring.</i>			
dt	MELIA AZEDERACH, L. <i>Chinaberry Tree</i> -db.	.10	.35	3.00
	Large, dark green, pinnate leaves and very fragrant lilac flowers in large clusters. Enormous grower. Not hardy.			
dt	“ AZEDERACH UMBRACULIFORMIS, Hort. <i>Texas Umbrella</i> -----db.	.10	.50	4.50
	Grows in perfectly regular umbrella shape.			
dt	MORUS ALBA, L., var. tatarica. <i>Russian Mulberry</i> -----c.	.25	2.00	
ds	MYRICA ASPLENIIFOLIA, L.-----	.50	7.50	
	It is very rare that this fine shrub seeds in this country, and supply is very short.			
et	“ CALIFORNICA, Cham. <i>Californian Wax Myrtle</i> -----	.25	2.00	
es	“ CERIFERA, L. <i>Wax Myrtle</i> -----	.10	1.00	9.00
es	“ CERIFERA PUMILA, Mx. <i>Dwarf Wax Myrtle</i> -----	.25	2.00	
	Very rare. Leaves are much narrower and the habit of the plant more compact than that of M. cerifera, forming an almost regular globe. Splendid ornamental shrub.			
	NEGUNDO ACEROIDES. See Acer negundo.			
dt	NYSSA SYLVATICA, Marsh. <i>Tupelo, Black Gum</i> -----db.	.10	.40	3.50
	OPUNTIA. See under Cacti.			
	OREODAPHNE. See Umbellularia.			
dt	OSTRYA VIRGINICA, Willd. <i>Hop Hornbeam</i>	.15	1.50	
dt	OXYDENDRUM ARBOREUM, DC. <i>Sourwood, Sorrel Tree</i> -----c.	.15	.80	7.00
	Splendid ornamental, producing a wealth of white flowers. Foliage colors finely in Fall. Hardy.			db. .45 4.00
dt	PAULOWNIA IMPERIALIS, S. & Z. <i>Empress Tree</i> -----c.	.15	1.00	
	Large foliage. Grand, blue, fragrant flowers in large terminal panicles. Quite hardy. Rapid grower.			
et	PERSEA CAROLINENSIS, Nees. <i>Red Bay</i> --db.	.40	3.00	
	Handsome and rare evergreen, with large, leathery, aromatic leaves, resembling those of Magnolia glauca.			
	PHOTINIA ARBUTIFOLIA. See Heteromeles.			

		Oz.	Lb.	10 Lbs.
ds	PIERIS MARIANA, B. & H. <i>Staggerbush</i> ---- c.	.20	.85	
	Hardy. The large white bell-shaped flowers appear in early Spring. db.	.10	.45	4.00
es	" NITIDA, B. & H. <i>Fetterbush</i> ----- c.	.20	.85	
	A magnificent shrub with stiff, glossy leaves. The pink bell-shaped flowers appear in drooping racemes in early Spring. db.	.10	.45	4.00
dt	PLATANUS OCCIDENTALIS, L. <i>Sycamore</i> --- c.	.10	.30	2.50
dt	POPULUS DELTOIDES, Marsh. (MONILIFERA.) <i>Cottonwood</i> ----- c.	.10	1.00	
dt	PRUNUS AMERICANA, Marsh. <i>Red Plum</i> db.	.10	.80	
et	" CAROLINIANA, Ait. <i>Carolina Mock Cherry</i> ----- db.	.10	.45	4.00
	A beautiful small tree of perfectly regular habit. The white flowers are followed by glossy black berries which hang on all Winter. The leaves are glossy dark green. Not hardy, but very useful as pot plant. Stands any pruning.			
ds	" DEMISSA, Walp. (VIRGINIANA DEMISSA, Torr.) ----- db.	.25	2.50	
	Well worthy of improvement as fruit plant.			
dt	" EMARGINATA, Walp. ----- db.	.30	3.00	
dt	" SEROTINA, Ehrh. <i>Wild Black Cherry</i> db.	.10	.50	4.50
	Fine forest and lawn tree.			
ds	" SUBCORDATA, Benth. ----- db.	.40	4.00	
	Rare cherry, with edible fruits.			
dt	" VIRGINIANA, L. <i>Choke Cherry</i> ---- db.	.10	.70	
dt	PTELEA ANGUSTIFOLIA, Benth. -----	.50		
ds	PURSHIA TRIDENTATA, DC. -----	1.50		
	Hardy. Rare, graceful, medium-sized shrub. Prefers sunny site and well drained sandy or peaty soil. For rockeries.			

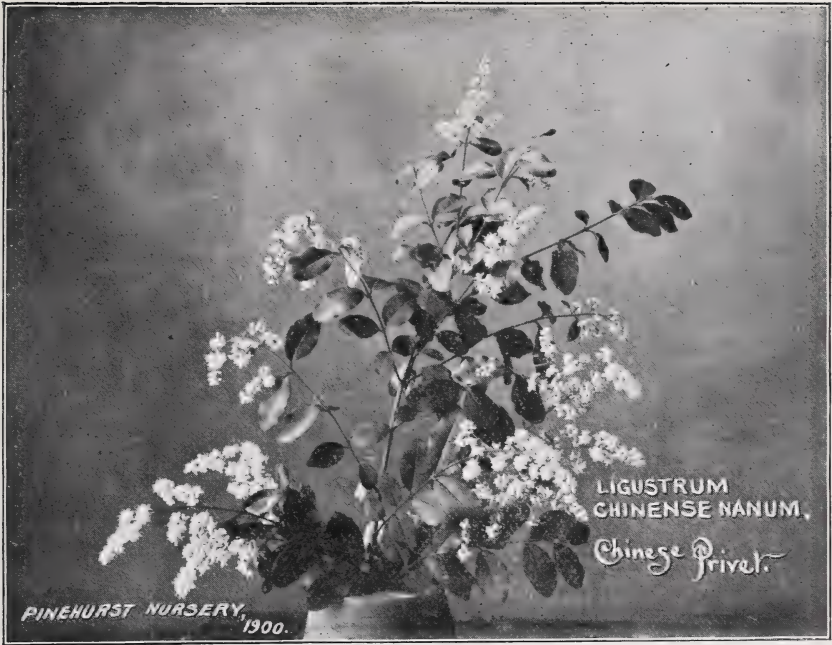
PYRUS. See Sorbus.

dt	QUERCUS ALBA, L. <i>White Oak</i> --\$8.00-100 lbs.	.25	1.75	
	Magnificent tree for forest and park. Acorns are very perishable and cannot be preserved long after maturing.			
dt	" BICOLOR, Willd. <i>Swamp White Oak</i> --	.25	1.75	
	Large leaves. Fall coloring \$8.00-100 lbs. scarlet.			
dt	" CATESBAEI, Mx. <i>Scrub Oak</i> -----	.20	1.50	
	Small tree. Large, glossy leaves. \$7.00-100 lbs.			
dt	" COCCINEA, Muench. <i>Scarlet Oak</i> -----	.30	2.50	
	Glorious scarlet Fall coloring. \$15.00-100 lbs.			
dt	" GARRYANA, Dougl. <i>Oregon Oak</i> -----	.15	.75	
	Important timber tree in the West.			
et	" LAURIFOLIA, Mx. <i>Laurel Oak</i> -----	.25	1.75	
	Beautifully shaped tree, especially for streets and parks. Almost entirely evergreen. \$10.00-100 lbs.			
dt	" LYRATA, Walt. <i>Overcup Oak</i> -----	.35	3.00	
	Tall and majestic tree.			
dt	" MACROCARPA, Mx. <i>Bur Oak</i> -----	.30	2.00	
	Fine shade tree. Acorns very large and almost inclosed by the mossy cups. \$12.00-100 lbs.			

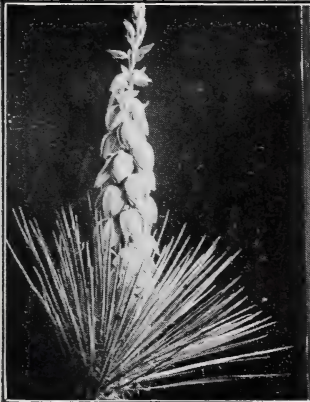
			Oz.	Lb.	10 Lbs.
dt	QUERCUS MARILANDICA, Muench. (NIGRA, Wang.) <i>Black Jack Oak</i> -----			.25	1.50
	Large, glossy foliage. \$7.00-100 lbs.				
dt	" NIGRA, L. (AQUATICA.) <i>Water Oak</i> ---			.25	1.75
	Rapid-growing street tree. Fairly evergreen with us. \$8.00-100 lbs.				
dt	" PALUSTRIS, L. <i>Pin Oak</i> -----	\$12.00-100 lbs.		.25	1.75
	Very desirable, rapid-growing street tree.				
dt	" PHELLOS, L. <i>Willow Oak</i> -----			.25	1.75
	Beautiful tree for rather moist locations. \$12.00-100 lbs.				
dt	" PRINUS, L. <i>Chestnut Oak</i> -----			.25	1.50
	Acorns very perishable. Bark used for tanning. \$8.00-100 lbs.				
dt	" RUBRA, L. <i>Red Oak</i> -----	\$8.00-100 lbs.		.25	1.75
	Rapid-growing, fine tree, with attractive Fall coloring. Valuable timber tree.				
et	" VIRGINIANA, Mill. (QU. VIRENS, Ait.) <i>Live Oak</i> -----	\$10.00-100 lbs.		.25	1.75
	A truly beautiful tree of grand proportions. Transplants well and succeeds best near salt water. 100 lbs. equal about two bushels. We can give special prices by letter for larger lots and solicit correspondence. Most acorns are very perishable and orders ought to be in our hands as soon as possible.				
ds	RHAMNUS CAROLINIANA, Walt. <i>Indian Cherry</i> -----	db.	.10	.35	3.00
ds	" PURSHIANA, DC. <i>Cascara Sacrada</i> -----	db.	.30	2.00	
	Valuable medicinal shrub.				
es	" PURSHIANA CALIFORNICA, Rehd. (RH. CALIFORNICA, Esch.)-----	db.	.30	2.00	
	Nearly evergreen.				
es	RHODODENDRON CALIFORNICUM, Hook.-----	c.	1.50		
es	" CALIFORNICUM MAXIMUM-----	c.	1.50		
es	" MAXIMUM, L. <i>Great Laurel</i> -----	c.	.25	2.50	
	Hardest species. Well adapted as stock for grafting.				
ds	RHUS AROMATICA, Ait. (CANADENSIS, Marsh.)				
ds	" AROMATICA TRILOBATA-----	db.	.20	1.50	
	Rare and ornamental under-shrub for dry sites.				
ds	" COPALLINA, L. <i>Shining Sumach</i> ---	db.	.10	.25	2.00
	Glossy, dark-green leaves, rich crimson in Fall. Flowers in tall, yellow heads in Midsummer. Tall shrub.				
ds	" GLABRA, L. <i>Smooth Sumach</i> -----	db.	.10	.25	2.00
	Tall shrub. Narrow, long, pinnated leaves, deep red in Fall.				
ds	" TYPHINA, L. <i>Staghorn Sumach</i> ----	db.	.15	.80	
	Tall shrub, with very large, pinnated leaves, coloring red in Fall. Red berries, with crimson hairs.				
ds	" VENENATA, DC. <i>Poison Sumach</i> ---	db.	.15	.80	
	Very handsome tall shrub or small tree. Pinnated leaves bright green. Fall coloring crimson.				
ds	RIBES AUREUM, Pursh. <i>Golden Currant</i> ---	db.	.35	3.50	
	Desirable stock for grafting. Fine, golden-yellow, sweetly fragrant flowers.				
ds	" CEREUM, Dougl. <i>Western Currant</i> -----	db.	.25	2.50	

		Oz.	Lb.	10 Lbs.
ds	RIBES PINETORUM, Gr. <i>Arizona Currant</i> -db. Rare, hardy shrub, with edible fruits.	.25	2.50	
ds	" SANGUINEUM, Pursh. <i>Red-flowered Currant</i> -----db. Very handsome, hardy ornamental, with crimson flowers.	.25	2.00	
dt	ROBINIA PSEUDACACIA, L. <i>Black Locust</i> --c.	.10	.50	
ds	ROSA ACICULARIS, Lindl., var. sayi. (R. SAYI.)-----	.35	3.50	
ds	" ARKANSANA, Porter. <i>Arkansas Rose</i> -db. Handsome species, with pink flowers in clusters, adapted to planting on dry and exposed sites.	.15	1.50	
ev	" BRACTEATA, Wendl. <i>MacCartney Rose</i> -----db. Splendid climbing rose, with magnificent single flowers. Vigorous grower. Not hardy.	.20	2.00	18.00
ds	" CALIFORNICA, Cham. & Schl. -----db.	.80		
ds	" CAROLINA, L. <i>Swamp Rose</i> -----db. Bushy. Pink flowers in profusion in early Summer. Fine for massing.	.25	2.00	
ds	" FENDLERI, Crep. -----db. Splendid hardy rose for Winter effects. Fruits bright red.	.25	2.00	
ev	" LAEVIGATA, Mx. <i>Cherokee Rose</i> --db. The typical rose of the South. Profuse and very early bloomer. Flowers large, single and white. Foliage deep green and glossy. Not hardy.	.25	2.00	18.00
ds	" LUCIDA, Ehrh. -----db. Handsome, low shrub for massing. Fine Winter effect.	.20	2.00	
ds	" RUBIGINOSA, L. <i>Eglantine, Sweet-briar</i> -----db.	.15	1.25	
ds	" RUGOSA, Thunb. -----db.	.20	1.80	
dv	" WICHURAIANA, Crep. <i>Memorial Rose</i> -----db.	.30	2.50	22.00
dv	" WICHURAIANA HYBRIDS -----dv.	.40	4.00	
ds	RUBUS DELICIOSUS, James. <i>Flowering Thimble Berry</i> -----c. Hardy shrub of sterling beauty. The delicate white flowers will almost cover the plant during inflorescence.	1.00	8.00	
ds	" PARVIFLORUS, Nutt. -----c.	2.00		
ds	SAMBUCUS CANADENSIS, L. <i>Sweet Elder</i> -db. Tall shrub. Very large heads of white, fragrant flowers, followed by glossy black berries.	.10	.35	3.00
ds	" NEO-MEXICANUS -----db.	1.00		
ds	" RACEMOSA, L. <i>Red-fruited Elder</i> --db.	.25	2.00	
ds	" RACEMOSA FRUCTU AUREO -----db.	2.50		
dt	SASSAFRAS OFFICINALE, Nees. -----db.	.10	.35	3.00
et	SCHINUS MOLLE, L. <i>Pepper Tree</i> -----db. Beautiful, small street tree for warm climates.	.15	1.25	

		Oz.	Lb.	10 Lbs.
ev	SMILAX LAURIFOLIA, L. <i>Evergreen Southern Smilax</i> -----db.	.10	.60	5.00
	Large, leathery leaves on long, slender branches. Black glossy berries in heavy clusters. Much used for decorative work by florists.			
dv	“ WALTERI, Pursh. <i>Coral-berried Briar</i> -----db.	.10	.60	5.00
	Quick grower. Masses of coral red berries hang on all Winter. Sow <i>Smilax</i> in damp ground.			
ds	SORBARIA MILLEFOLIUM, Focke-----c.	.60		
	A truly grand shrub, with graceful foliage and numerous spikes of white flowers. Entirely hardy, and seed collected at 8000 ft. elevation. Demands good drainage.			
dt	SORBUS AMERICANA, Marsh. <i>American Mountain Ash</i> -----db.	.15	1.50	
ds	“ ARBUTIFOLIA, C. Koch. <i>Chokeberry</i> -----db.	.10	.80	7.50
	Hardy, admirable shrub, with a profusion of white flowers in earliest Spring and covered with bright red berries through the winter. Berried branches much in demand for Christmas decorations.			
ds	“ DUMOSA, Greene-----db.	.30	3.00	
	Rare, hardy and handsome western species. Foliage colors to a fine red in Fall.			
dt	“ SAMBUCIFOLIA, Roem.-----db.	.35	3.50	
ds	STUARTIA PENTAGYNA, L'Her. <i>American Camellia</i> -----c.	.25	1.50	
	Very rare shrub. Beautiful, large, white Camellia flowers.			
ds	STYRAX AMERICANA, Lam. <i>Storax</i> -----c.	.15	1.20	
	Handsome, quite hardy shrub, with loose, drooping clusters of white, fragrant flowers.			
dv	TECOMA RADICANS, JUSS. <i>Trumpet Vine</i> -----c.	.25	1.20	
	Splendid, hardy, clinging vine, with large, trumpet-shaped, yellow flowers.			
ds	“ STANS, JUSS. <i>Yellow Elder</i> -----	.75		
	Southern shrub of luxuriant growth. Fine flowers.			
dt	TILIA AMERICANA, L. <i>American Basswood</i> -----db.	.15	.55	4.50
dt	ULMUS AMERICANA, L. <i>White Elm</i> -----c.	.10	.80	7.50
et	UMBELLULARIA CALIFORNICA, Nutt. <i>Californian Laurel</i> -----db.	.15	1.00	
	One of the finest evergreen trees for a Southern climate. Prefers moist sites. Valuable timber.			
ds	VIBURNUM ACERIFOLIUM, L. <i>Dockmackie</i> -----db.	.15	1.20	
ds	“ CASSINOIDES, L. <i>White Rod</i> -----db.	.15	1.00	
ds	“ DENTATUM, L. <i>Arrow Wood</i> -----db.	.15	1.00	
ds	“ LANTANOIDES, Mx. <i>Hobble Bush</i> -----db.	.15	1.20	
ds	“ LENTAGO, L. <i>Sheep Berry</i> -----db.	.15	1.00	
ds	“ NUDUM, L. <i>Possum Haw</i> -----db.	.10	.40	3.50
ds	“ OPULUS, L. <i>High Cranberry</i> -----db.	.15	1.50	
ds	“ PRUNIFOLIUM, L. <i>Black Haw</i> -----db.	.10	.50	4.00
dv	VITIS AESTIVALIS, Mx. <i>Summer Grape</i> -----c.	.25	2.00	
dv	“ CORDIFOLIA, Mx. <i>Winter Grape</i> -----c.	.25	2.00	



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YUCCA GLAUCA
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BERBERIS REPENS
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CLEMATIS DOUGLASI
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ANEMONE PATENS NUTT.
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ABRONIA FRAGRANS
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BIGELOVIA GRAVEOLENS
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ARTEMISIA FILIFOLIA
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		Oz.	Lb.	10 Lbs.
dv	VITIS ROTUNDIFOLIA, Mx. <i>Muscadine, Scup- pernong</i> -----c.	.20	1.50	
dv	WISTARIA SPECIOSA, Nutt. (FRUTESCENS, Poir.) <i>American Wistaria</i> -----c.	.15	1.00	9.00
dv	" SPECIOSA MAGNIFICA-----c. Earlier and larger bloomer than type.	.20	1.50	
ds	XANTHORRHIZA APIIFOLIA, L'Her. <i>Yellow Root</i> -----c.	.30	2.50	
dt	XANTHOXYLUM CLAVA-HERCULIS, L. (CARO- LINIANUM, Lam.) <i>Toothache Tree</i> -----c.	.20	1.75	
et	YUCCA ALOIFOLIA, L. <i>Spanish Bayonet</i> -----c.	.30	2.50	
et	" BACCATA, Torrey. <i>Mexican Banana</i> -----c.	.75		
et	" BREVIFOLIA, Eng. <i>Joshua Tree</i> -----c.	1.20		
es	" FILAMENTOSA, L. <i>Adam's Needle</i> -----c.	.50	3.50	
es	" GLAUCA, Nutt. (ANGUSTIFOLIA, Pursh.) <i>Glaucous Yucca</i> -----c.	.25	2.50	
	Hardy, handsome, narrow-leaved species.			
es	" MACROCARPA, Eng. <i>Large-fruited Yucca</i> -----c.	.50		
	Hardy, remarkably fine, western kind.			
es	" WHIPPLEI, Torr.-----c.	.75		

CACTI.

All kinds offered here can easily be grown from seed. We suggest a trial order. Prices for plants upon request.

Half-ounce at ounce rates. Quarter-pound at pound rates.

Kinds marked * are hardy.

		Pkt.	Oz.	Lb.
*ECHINOCACTUS	SIMPSONI, Eng. <i>Pincushion Cactus</i>	.25		
ECHINOCEREUS	FENDLERI, Ruempl.-----	.25		
"	PHOENICEUS, Lem.-----	.25		
* "	VIRIDIFLORUS, Eng.-----	.25		
* "	VIRIDIFLORUS LONGISPINA-----	.25		
*MAMMILLARIA	MISSOURIENSIS, Sweet. (CACTUS M.) <i>Star C.</i> -----	.25		
"	RADIOSEA, var. arizonica, Eng.-----	.25		
* "	VIVIPARA, Haw. (CACTUS V.) <i>Bird's Nest Cactus</i> -----	.25		
*OPUNTIA	ARBORESCENS, Eng. <i>Candelabrum Cactus</i> -----	.10	.75	6.00
* "	PHAEACANTHA MAJOR, Eng.-----	.10	.40	3.50
* "	POLYANTHA, Haw.-----	.20	.50	4.00

	Pkt.	Oz.	Lb.
*OPUNTIA RAFINESQUEI, Eng. (O.MESACANTHA.)	.10	.35	2.50
* " RAFINESQUEI CYMOCHILA -----	.10	.35	3.00
* " RAFINESQUEI MACRORRHIZA -----	.10	.30	2.50
" RUTILA, Nutt.?-----	.25		
* " VULGARIS, Mill. <i>Prickly Pear</i> -----	.10	.30	2.00
* " SPEC. CYLINDR.-----	.25		
* " SPEC. NOVA PLATOPUNTIA, No. I. ----	.25		
* " SPEC. NOVA PLATOPUNTIA, No. II. ---	.25		

PALMS.

Orders for palm seeds will be filled immediately after ripening of crops.

	10 Seeds	100 Seeds	1000 Seeds	Oz.	Lb.
BRAHEA EDULIS. See <i>Erythea edulis</i> .					
" FILAMENTOSA. See <i>Washingtonia filifera</i> .					
" GLAUCA. See <i>Erythea armata</i> .					
CHAMAEROPS HUMILIS, L.-----				.15	1.00
" HYSTRIX. See <i>Rhapidophyllum</i> .					
ERYTHEA ARMATA, S. Wats.-----	.10	1.00	6.50	.30	3.50
" EDULIS, S. Wats.-----	.35	1.50	8.50	.35	4.00
OREODOXA REGIA, HBK. <i>Royal Palm</i> -----	.20	1.00	5.50		
RHAPIDOPHYLLUM HYSTRIX, W. & D.				.60	6.00
SABAL ANDERSONI, Guerns. <i>Dwarf Palmetto</i> -----	.30	2.00			
" PALMETTO, R. & S. <i>Cabbage Palmetto</i> -----				.15	.75
SERENOA SERRULATA, Hook. f. <i>Saw Palmetto</i> -----				.15	.75
WASHINGTONIA FILIFERA, Wendl. <i>Fan-leaf Palm</i> -----				.20	1.20
" ROBUSTA, Wendl.-----				.30	2.50
ZAMIA INTEGRIFOLIA, L. <i>Coontie</i> ---				.25	1.50

The crops of many palms prove so uncertain that we cannot give quotations here. We shall, with pleasure, however, quote by letter best prices for seeds of any native American palms and also for those foreign palms which are generally used by florists—*Areca*, *Kentia*, *Seaforthia*, etc.

HERBACEOUS SEEDS.

Quarter-ounce at ounce rates; quarter-pound at pound rates. *We will send ten-cent packages of any of the following seeds.*

 X represents plants adapted to cut flowers or ornamental planting; O, for alpine or rockery planting.

		Pkt.	Oz.	Lb.
xo	ABRONIA FRAGRANS, Nutt. <i>Sweet Abronia</i> -- 1 ft. Flowers white and fragrant. Night blooming. Sow annually.	.20	1.20	
x	ACONITUM COLUMBIANUM, Nutt. <i>Monkshood</i>	.25		
	3-6 ft. Flowers purple or white. Exquisite plant. Fall.			
x	" FISCHERI, Reichb. -----	.25	3.00	
	2-3 ft. Flowers bright blue. Shining foliage. Fall.			
o	ACTINELLA ODORATA -----	.25	3.00	
	Rare. 6-12 ins. Flowers yellow.			
xo	AGAVE APPLANATA AUREA, Lem. ----	.50		
	Rare, stemless, beautiful and hardy. Flowers yellow, 3 ins. long. See back cover for further description.			
x	ALETRIS FARINOSA, L. <i>Unicorn Root</i> -----	.10	.30	2.00
	Leaves in spreading cluster, scarlet in Fall. Flowers white, in spikes. 9-15 ins. high.			
x	ALLIUM PLATYCAULE, Wats. -----	.25		
	Flowers rose. Scape 4 ins.			
x	AMSONIA TABERNAEMONTANA, Walt. -----	.15	.50	
	1-2 ft. Flowers pale blue, in graceful terminal pan- icles.			
x	ANEMONE PATENS, L. <i>Windflower</i> -----	.25	1.00	8.00
	8 ins. Flowers blue to white. Earliest Spring. Sandy soil.			
x	AQUILEGIA CHRYSANTHA, Gray -----	.15		
	3-4 ft. Rare. Many flowered, pale yellow tinted or claret.			
x	" CAERULEA, James. <i>Blue Columbine, true</i> <i>wild</i> -----	.25	1.50	12.00
	1-2 ft. Flowers very large and bluish-white.			
x	" FORMOSA, var. truncata, Baker -----	.25		
x	ARGEMONE PLATYCERAS, L. & O. <i>Colorado</i> <i>Silver Poppy</i> -----	.25	.80	6.00
	2-4 ft. Flowers white, rarely purple. Very large. Cul- tivated as annuals. Light soil. Sunny exposure.			
x	" PLATYCERAS HISPIDA, Prain. -----	.25	.80	6.00
	Flowers white with yellow centre. Leaves glaucous.			
x	ARTEMISIA ARBUSCULA, Nutt. <i>Sagebrush</i> ---	.25		
	Shrubby. 1-2 ft. Nearly evergreen.			
x	" CANADENSIS, Mx. <i>Canada Sage</i> -----	.25		
	1-2 ft. Flowers in long panicles.			
xo	" FRIGIDA, Willd. <i>Mountain Sage</i> -----	.25	3.00	
	6-12 ins. Leaves silvery moss-like. Very fine.			
x	" FILIFOLIA, Torr. -----	.25	7.00	
	Shrubby. 2-3 ft. Feathery foliage. Purple aspect when in fruit. Very desirable species for any position or soil.			
x	" MEXICANA, Willd. -----	.25	4.00	

		Pkt.	Oz.	Lb.
X	ASCLEPIAS INCARNATA, L. ----- 2-3 ft. Rose purple to flesh color.	.20	1.00	
X	" SPECIOSA, Torr. <i>Western Butterfly</i> <i>Weed</i> ----- 2-3 ft. Flowers purple.	.20	1.20	
X	" TUBEROSA, L. <i>Pleurisy Weed</i> ----- 2 ft. Yellow to orange.	.15	.75	
X	ASTER CANESCENS, Pursh. ----- 1-2 ft. Rare, fine, pale shades of pink to purple.	.20	1.50	
X	" COMMUTATUS, Gray ----- 1 ft. Flowers white and abundant.	.20		
X	" FENDLERI, Gray ----- 1 ft. Rose-lilac of peculiar shade.	.20		
X	" FOLIACEUS, Lindl. ----- 2 ft. Lavender flowers very early. Much leaved.	.20		
X	" FOLIACEUS, var. rurkei ----- 2 ft. Rare, very handsome variety.	.20		
X	" LAEVIS, L. ----- 2-3 ft. Blue to lilac. Large.	.20		
X	" MULTIFLORUS, Ait. ----- 1-2 ft. Many flowered. Purple. Rare.	.20	1.50	
X	" PORTERI, Ait. ----- 1 ft. Rare. Flowers pure white.	.20		
XO	ASTRAGALUS CARYOCARPUS, Kerr. <i>Milk</i> <i>Vetch</i> ----- Dwarf. Flowers white and violet.	.15		
XO	" DRUMMONDI, Dougl. ----- 1 ft. Flowers white. Leaves pinnate.	.15		
X	" HYPOGLOTTIS, L. ----- 1 ft. Flowers violet.	.15		
XO	" PICTUS, Gray ----- 6 ins. Pods are handsomely speckled, resembling birds' eggs.	.15		
O	" PURSHII, var. unctus ----- 6 ins. Flowers cream.	.15		
XO	" RACEMOSUS, Pursh. ----- 1 ft. Flowers white. Foliage glaucous.	.15		
XO	" SHORTIANUS, Nutt. ----- 6 ins. Flowers purple. Pods very showy.	.15		
X	BAPTISIA TINCTORIA, R. Br. <i>Wild Indigo</i> --- 2-3 ft. Flowers bright yellow on racemes.	.10	.50	
X	" VILLOSA, Ell. <i>False Indigo</i> ----- 2-3 ft. Flowers large and bright yellow.	.10	.30	
X	BRICKELLIA GRANDIFLORA, Nutt. <i>Tassel</i> <i>Flower</i> ----- 2 ft. Very distinct plant. Large heads, yellowish-white flowers, tassel-shaped, drooping. Leaves very large. Moist places.	.25	2.50	
X	CALTHA BIFLORA, DC. <i>Swamp Butter Cup</i> -- Dwarf. Flowers bluish-white. Earliest Spring.	.15	2.00	
X	CAMASSIA ESCULENTA, Lindl. <i>Camass</i> ----- 1-2 ft. Many flowered. Dark blue. Keep moist during growing season.	.15	1.20	
X	CANNA FLACCIDA, Roscoe ----- 2 ft. Flowers iris-like yellow. Very handsome. Moist.	.10	.40	

		Pkt.	Oz.	Lb.
xo	CASTILLEIA INTEGRAL, Gray. <i>Painted Cup</i> ----	.15		
	Dwarf. Flowers bright red. Remarkably handsome. Rare.			
x	" MINIATA, Dougl.-----	.15	1.50	
	1-2 ft. Flower bracts bright red. Very fine.			
x	CLEMATIS DOUGLASI, Hook.-----	.15	1.50	
	Low climber. Flowers deep purple within, lighter without. Beautiful.			
x	" FREMONTI, Wats.-----	.20	1.75	
x	" VERTICILLARIS, DC.-----	.15	1.50	
	" See also under Trees and Shrubs.			
x	CLITORIA MARIANA, L. <i>Butterfly Pea</i> -----	.20	.50	3.50
	Low climber. Flowers light blue, like sweet peas. Extra fine. Deserves general cultivation.			
x	CONVOLVULUS VILLOSUS, Gray. <i>Shaggy</i> <i>Morning Glory</i> -----	.15	2.50	
	Perennial. 1-2 ft. Flowers cream to yellow.			
x	CROTALARIA SAGITTALIS, L. <i>Rattlebox</i> -----			
	1 ft. Flowers yellow, pea-shaped. Pods are glossy black with stiff walls, and the ripe seeds sound in them like rattles.			
x	CTENIUM AMERICANUM, Spreng. <i>Toothache</i> <i>Grass</i> -----	.10	.60	
	Rare grass. Spike curved, sickle-shaped. Resembles a comb. Moist ground.			
x	DARLINGTONIA CALIFORNICA, Torr.-----	.50		
	Rare and most interesting species of all carnivorous pitcher plants. Hardy.			
x	DELPHINIUM BICOLOR, Nutt.-----	.30		
x	" CARDINALE, Hook. (True.)-----	.25	2.50	
	2-4 ft. Beautiful scarlet flowers.			
x	" CAROLINIANUM (AZUREUM) var. album-----	.20	2.00	
	2-3 ft. Flowers creamy white. Rare and very fine.			
x	" DECORUM, F. & M.-----	.15	2.00	
	6-18 ins. Slender. Flowers blue, tinged with yellow.			
x	" SCOPULORUM, Gray-----	.25	2.50	
	2-3 ft. Large, intense blue or purple flowers.			
x	" SCOPULORUM STACHYDEUM-----	.15	1.50	
	2-3 ft. Rare, magnificent variety.			
xo	DICENTRA EXIMIA, Torr. <i>Bleeding Heart</i> ---	.15		
	1 ft. Flowers deep rose, heart-shaped. Truly lovely in flower. Handsome, deeply cut foliage.			
xo	" FORMOSA, Walp.-----	.15	2.00	
	1 ft. Flowers pale rose.			
x	DIONAEA MUSCIPULA, Ellis. <i>Venus Fly Trap</i> -----	.25		
	Very rare and wonderfully interesting carnivorous plant, which occurs spontaneously in one section of this State only. Moist ground, best in sphagnum.			
x	DROSERA ROTUNDIFOLIA, L. <i>Sundew</i> -----	.25		
	Another dwarf carnivorous plant, growing in sphag- num.			
x	ECHINOCYSTIS LOBATA, T. & G. <i>Wild</i> <i>Cucumber</i> -----	.10	.80	
	Rapid-growing climber. Annual. Bladdery fruits.			

		Pkt.	Oz.	Lb.
X	EPIGAEA REPENS, L. <i>Trailing Arbutus</i> -----	.50		
	We have, for the very first time, been able to find ripe seed of this lovely harbinger of the Spring. As the old plants bear transplanting with greatest difficulty only, the cultivation can be extended now more easily by sowing.			
X	ERIGERON CAESPITOSUS, Nutt.-----	.25		
	Dwarf. Composite. Flowers white. Very pretty for border.			
X	" DIVERGENS, T. & G., var. cinereus-----	.20		
	6-12 ins. Annual. Very fine. Flower rays white.			
X	" GLABELLUS, Nutt.-----	.15	1.25	
	6-18 ins. Rays violet-purple or white. Very desirable. We also have seed of an <i>alpine</i> form.			
X	" MACRANTHUS, Nutt.-----	.15	1.25	
	10-20 ins. Rays violet. Fine.			
X	" NEO-MEXICANUS -----	.20		
	New. Fine white flowers.			
O	ERIOGNOM RACEMOSUM, Nutt.-----	.15	1.50	
	2-3 ft. Flowers rose color.			
O	" JAMESII, Benth., var. flavescens, Wats. .50			
	6-9 ins. Flowers yellow. Rare.			
O	" UMBELLATUM, Torr. <i>Umbrella Flower</i> .20 2.00			
	1 ft. Flowers yellow. <i>All Eriogonum produce enormously large umbels of flowers, making them very attractive.</i>			
X	ERIOCAULON DECANGULARE, L. <i>Pipewort</i> --- .25 2.00			
	Scape 2-3 ft. Flowers in white, button-shaped heads. Odd bog plant.			
X	ERIOPHORUM VIRGINICUM, L. <i>Cotton Grass</i> -- .10 .50			
	2-3 ft. Heads of woolly texture resemble cotton bolls, which stay on through Winter. Rare and interesting bog plant.			
X	ERYTHRINA HERBACEA, L. <i>Coral Tree</i> ----- .10 .70			
	2-4 ft. Flowers brilliant scarlet. Racemes 2 ft. long. Seeds glossy scarlet. Not hardy, but a beautiful plant.			
XO	EUPATORIUM OCCIDENTALE, var. arizonicum .15 1.00			
	Flowers white. Beautiful for rockeries.			
X	" PURPUREUM, L. <i>Joe-Pye Weed</i> ----- .10 .65			
	6-8 ft. Flowers purple, in large clusters. Splendid for the border.			
X	EUPHORBIA ROBUSTA, Sm. <i>Rocky Mountain</i> <i>Spurge</i> ----- .25 1.50			
	1 ft. Large panicles of brownish-yellow flowers. Handsome plant.			
X	FRASERA SPECIOSA, Dougl. <i>Columbo</i> ----- .25			
	3-4 ft. Biennial. Showy panicle of dotted flowers.			
X	GALACTIA GLABELLA, Mich. <i>Milk Pea</i> ----- .10 .45			
	Twining 2-4 ft. Leaves trifoliate, bright green. Flowers abundant, reddish-purple. Dry soil. Exceedingly pretty.			
XO	GALAX APHYLLA, L.----- .50			
	We have succeeded for the very first time in collecting some seed of this choice plant, used so freely now for decorative purposes.			
X	GENTIANA AFFINIS, Griseb.----- .25			
	Flowers beautifully blue. Sandy soil, near water.			
X	" ALBA, Muhl. <i>White Gentian</i> ----- .25			
	Flowers dull or greenish-white, often snow white. Handsome.			

		Pkt.	Oz.	Lb.
X	GENTIANA ANGUSTIFOLIA, Mx. <i>Narrow-leaved G.</i> -----	.25		
	Flowers bright blue. Leaves light green and narrow. Moist meadows.			
X	" BIGELOVIA, Gray -----	.25		
	Flowers purple. Form large clumps.			
X	" PARRYI, Eng. -----	.35		
	Flowers purple-blue.			
X	" SAPONARIA, L. <i>Soapwort</i> -----	.25		
	Flowers light blue. Moist meadows. Rare.			
XO	GEUM TRIFLORUM, Pursh. -----	.20	1.00	
	Low. Flowers pale pink to purple. Drooping. Fruits very showy.			
X	GILIA AGGREGATA, Spreng. -----	.25	3.50	
	Low. Flowers magnificent pink to fiery red. Very showy.			
X	" AGGREGATA ALBA -----	.25		
	Low. Flowers white.			
X	" SPEC. NOVA -----	.25		
	Flowers light purple. From Arizona. <i>Gilias are best treated as annuals or biennials.</i>			
X	GILLENIA STIPULACEA, Nutt. <i>Indian Physic</i> -----	.20	.75	
	2-3 ft. Leaves trifoliate. Sharply serrated and deeply veined. Flowers handsome, white or rose, in loose heads. Any soil.			
X	GYMNOLOMIA MULTIFLORA, Bent. & Hook. ---	.25	2.50	
	1-3 ft. Very showy and graceful plant. Flower rays golden yellow.			
X	HABENARIA BLEPHARIGLOTTIS, Poir. -----	.35	3.50	
	One of our finest ground orchids. Flowers snow white in dense racemes. Moist ground, near brooks.			
X	" CILIARIS, R. Br. <i>Yellow-fringed Orchid</i> -----	.35	3.50	
	Flowers are of brilliant orange shade and long-lipped. Truly a magnificent plant. Moist ground.			
X	HECHTIA MONTANA, var. brandegeei -----	.50		
	A rare, Mexican, succulent plant. Tender.			
XO	HELENIUM HOOPESII, Gray -----	.25	2.00	
	2-3 ft. Very handsome, golden-yellow flowers. Rare. Very valuable for cut flowers. May-September.			
XO	HELIANTHELLA QUINQUENERVIS, Gray -----	.15		
	2-4 ft. Flower rays pale yellow, about 1½ ins. long.			
XO	" UNIFLORA, T. & G. -----	.25		
	1-2 ft. Very large, yellow flowers. Exquisite for cut flowers.			
X	HELIANTHUS PUMILUS, Nutt. <i>Dwarf Sunflower</i> -----	.15	1.20	
	1-2 ft. Large yellow flowers. Long blooming. Non-spreading.			
XO	HEUCHERA MICRANTHA, Dougl. -----	.25		
	1-2 ft.			
XO	" RUBESCENS, Torr. -----	.25		
	9-15 ins. Interesting species.			
X	HYMENOPAPPUS FILIFOLIUS, Hook. -----	.35		
	6-9 ins. Corolla bright yellow. Very pretty.			
X	IPOMAEA LEPTOPHYLLA, Torr. <i>Bush Morning Glory</i> -----	.15	.75	
	3-5 ft. Flowers rose-pink to purple. Roots are enormously big and assist the plant to withstand most serious droughts. Very attractive when in flower.			

		Pkt.	Oz.	Lb.
x	IRIS HEXAGONA, Walt. ----- 2-3 ft. Flowers deep blue with white, yellow and purple veins. Very fine.	.15	.40	
x	" MISSOURIENSIS, Nutt. ----- 1 ft. Large white and pale blue flowers.	.15	1.25	
x	JATROPHA STIMULOSA, Mx. <i>Stinging Nettle</i> --- 6-9 ins. Handsomely mottled leaves. Flowers pure white. Very handsome. Plants covered with bristles. Roots reach to enormous depth.	.10	.30	
o	KRYNITZKIA FULVOCANESCENS, Gray ----- Low. Flowers white, resembling Myosotis. Rare.	.25		
o	KUHNIA ROSMARINIFOLIA ----- 1-2 ft. Rare. Purple flowers.	.50		
x	LATHYRUS SPLENDENS, Kell. <i>Pride of California</i> ----- 1-3 ft. Tender. Splendid flowers, pale rose or violet.	.20	1.25	
x	LEPACHYS COLUMNARIS, T. & G. ----- 1-3 ft. Flowers yellow. Blooms first year from seed.	.15	1.40	
x	" COLUMNARIS PULCHERRIMA. (OBELISCARIA.) ----- 2 ft. Flowers brown, cone-shaped centre and broad, reflexed, yellow rays, in greatest profusion. Blooms all Summer and Fall.	.15	1.40	
x	LIATRIS GRAMINIFOLIA, Willd. <i>Button Snake-root</i> ----- 3-6 ft. Flowers deep purple on long spike in late Fall.	.10	.65	
x	" PUNCTATA, Hook. <i>Gay Feather</i> ----- 1-2 ft. Heads extend over whole length of stem. Pink-purple.	.15	1.50	
x	" SCARIOSA, Willd. <i>Blazing Star</i> ----- 2-4 ft. One of the best kinds. Flowers rich purple.	.15	1.50	
x	" SQUARROSA, Willd. <i>Blazing Star</i> ----- 1-2 ft. Dense spikes of purple in early Summer.	.10	.80	
x	" TENUIFOLIA, Nutt. ----- 3-4 ft. Flowers in crowded spikes in late Fall. Leaves very narrow.	.15	1.50	
x	LILIUM SUPERBUM, L. <i>Turk's Cap Lily</i> ----- 4-5 ft. Orange. One of the best native lilies.	.20		
o	LOPHANTHUS URTICIFOLIUS, Benth. ----- 4-5 ft. Rare. Sweet, aromatic leaves.	.15	1.20	
x	LUPINUS ARBOREUS, Sims. ----- 4-6 ft. Shrubby. Fragrant yellow flowers in loose racemes. Tender.	.20	.60	4.00
x	" PARVIFLORUS, Nutt. ----- 1 ft. Flowers light blue.	.15	1.00	
x	" DIFFUSUS, Nutt. <i>Deer Cabbage</i> ----- 1-2 ft. Decumbent and covering considerable space. Leaves silvery gray, woolly. Lovely pale blue flowers on long and dense spikes.	.10	.25	2.00
o	MENODORA SCABRA, Gray ----- Dwarf. Flowers golden-yellow. (Oleaceae.) Rare. Pretty.	.15	.50	
x	MERTENSIA LANCEOLATA, DC. <i>Lunwort</i> ----- 6-12 ins. Flowers blue. Dry soil and half shade. Very pretty for the border.	.25	2.50	
x	" SIBIRICA, G. Don. ----- 2-4 ft. Flowers blue, in loose panicles. Luxuriant grower. Foliage glaucous. Moist, rich soil, half shade.	.25	2.50	

		Pkt.	Oz.	Lb.
x	MIMULUS CARDINALIS, Dougl. ....	.25		
	1-3 ft. Flowers red and yellow. Along running water. Quite hardy.			
x0	" GLUTINOSUS, Wendl. ....	.25		
	3-6 ft. Flowers orange or salmon. Rocky banks. <i>Mimulus are of easy culture, grow well from seed and bloom first season.</i>			
x	MIRABILIS FROEBELI ....	.15	1.20	
	3 ft. Rare. Grand plant with large purple flowers. Dry, sunny locations.			
x	OENOTHERA ALBICAULIS, Pursh. <i>Tall Evening Primrose</i> .....	.20		
	3 ft. Flowers white and showy.			
x	" BRACHYCARPA, Gray .....	.20		
	Dwarf. Yellow flowers of very large size. Half shade.			
x	" CAESPITOSA, Nutt. ....	.20		
	Dwarf. Similar to above. Flowers silky white to pink.			
x	" CALIFORNICA, Wats. ....	.20		
	Dwarf. Flower resembling albicaulis.			
x	ONOSMODIUM THURBESI .....	.25	1.50	
	2 ft. Beautiful, very rare plant, with long, trumpet- shaped, yellow flowers.			
x0	OXYTROPIS LAMBERTI, Pursh. ....	.15	1.00	
	1 ft. Flowers blue, 1 in. across. In spikes. Silvery leaves pinnate.			
x0	" LAMBERTI SPICATA .....	.25		
	1 ft. Resembling above, only flowers are in white spikes.			
x	PAEONIA BROWNI, Dougl. ....	.30	2.00	
	Low. Flowers crimson, with yellow border. Early Summer. Rare. The only native American species.			
x0	PARRYA MENZIESI, Greene .....	.50		
	Rare. Flowers bright purple on many-flowered raceme. A splendid acquisition.			
x	PASSIFLORA INCARNATA, L. <i>Passion Flower, Maypop</i> .....	.10	.30	2.50
	Luxuriant vine. Leaves three-lobed, glossy. Flowers large pinkish-white, with a triple purple crown of magnificent design. Fruit of hen's egg size contains a whitish juice of pleasant taste. An elegant plant.			
x	PENTSTEMON ACUMINATUS, Dougl. ....	.20	2.00	
	1 ft. Flowers large, pale lilac. Very fine.			
x	" ALBUS .....	.35		
	Flowers white.			
x	" BARBATUS, Nutt., var torreyi, Gray--	.10	.60	
	Tall. Scarlet flowers. One of the very best.			
x	" BRIDGESI, Gray .....	.50		
	1-2 ft. Flowers scarlet, 1 in. long. Very rare and beau- tiful.			
x	" CAERULEUS, Nutt. ....	.15	1.50	
	1 ft. Flowers very showy blue, in compact racemes.			
x	" GLABER, Pursh. ....	.20	2.00	
	1-2 ft. Flowers large sky-blue.			
x	" GLAUCUS, Grah. ....	.15	1.50	
	Dwarf. Flowers dull lilac or violet-purple.			
x	" GLAUCUS STENOSEPALUS, Gray .....	.15	1.50	
	1 ft. Flowers purple or dull white.			
x	" HUMILIS, Nutt. ....	.25		
	Dwarf. Flowers deep purple.			

		Pkt.	Oz.	Lb.
X	PENTSTEMON JAMESII, Benth.-----	.50		
	Very rare. Flowers purple.			
X	" LINARIOIDES, Gray-----	.15	1.25	
	Very rare. Dwarf. Small purple flowers.			
X	" MENZIESII, Hook.-----	.25	2.00	
	Dwarf. Flowers violet to purple, 1 in. long or more.			
X	" MENZIESII, var. newberryi, Gray-----	.20	1.50	
	Flowers pink or rose-purple.			
X	" SECUNDIFLORUS, Benth.-----	.20	1.50	
	2 ft. Flowers lilac or purple. Splendid.			
X	" SPECTABILIS, Thurber-----	.25	2.00	
	2-4 ft. Flowers large rose-purple. A truly grand species.			
X	" VIRGATUS-----	.15	1.25	
XO	PERICOME CAUDATA, Gray-----	.15	2.00	
	Rare. Tall. Golden-yellow flowers.			
X	PHLOX DIVARICATA, L. <i>Wild Sweet William</i> -----	.25		
	1-1½ ft. Flowers blue or pale blue. Very handsome, early Spring flower. On rich soil.			
X	" DOUGLASI, Hook.-----	.25		
	Dwarf. Creeping. Flowers white to purple. Sandy soil.			
X	" PILOSA, L.-----	.25		
	1 ft. Flowers purple, pink or white. Sandy soil.			
X	" SUBULATA, L. <i>Moss Pink</i> . Mixed colors-----	.25	2.00	
X	" SUBULATA. Separate colors, pure white, light pink, deep red-----	.25		
	Low. Invaluable for ground cover and borders, as it forms compact and large tufts. The plants are covered with the large flowers in early Spring and again in the Fall, in all shades, from pure white to deep red.			
X	PHYSOSTEGIA VIRGINIANA, Benth., var alba-----	.20	2.50	
	3-4 ft. Flowers beautifully white. A splendid plant for rich, moist ground. Blooms in July and August.			
X	PHYTOLACCA DECANDRA, L. <i>Pokeweed</i> -----	.10	.25	1.50
	4-6 ft. Stout, tall-growing. Stems bright red, much branching. Handsome in flower and fruit. Any soil.			
X	POLEMONIUM CAERULEUM, L. <i>Jacob's Ladder</i> -----	.25		
	2-3 ft. Bell-shaped, blue flowers, in dense panicles. Name derived from regular way in which the leaflets are arranged on the large leaves. Rich soil. Half shade.			
X	" FOLIOSISSIMUM, Gray-----	.25		
	1-3 ft. Flowers white. Foliage very strongly scented with a musk flavor.			
X	" HUMILE, Willd.-----	.35		
	Low. Blue, bell-shaped flowers. Odor resembles that of ripened grapes. Is the original form of P. richardsoni of the gardens.			
X	" HUMILE PULCHELLUM, Gray-----	.35		
	Dwarf. Flowers violet or lavender.			
XO	PRIMULA PARRYI, Gray-----	.25	4.00	
	Low. Flowers in magnificent shades, especially selected.			
X	RHEXIA MARIANA, L. <i>Deer Grass</i> -----	.10	.45	
	1-2 ft. Stem sharply six-angled. Leaves narrowly lanceolate. Flowers purple, often light pink, large and showy. July-September. Seed vessels brown, in very pretty cup shape. Damp meadows.			

		Pkt.	Oz.	Lb.
x	RHEXIA VIRGINICA, L. <i>Meadow Beauty</i> -----	.10	.45	
	6-12 ins. Leaves have strong veins running in parallels. Flowers large, bright purple with golden-yellow stamens. All Summer. Moist. Half shade.			
x	RHYNCHOSIA ERECTA, DC.-----	.10	.40	
	12-15 ins. Flowers yellow. (Leguminosae.) Good plant for shady places.			
x	“ RENIFORMIS, DC.-----	.10	.40	
	Low. Flowers yellow, in dense racemes. Good ground cover in shade.			
x	ROMNEYA COULTERI, Harvey. <i>California Tree Poppy</i> -----	.25	1.20	
	6-12 ft. Half shrub. Flowers white, very large and fragrant. Grows well from fresh seed and demands well-drained soil. An exquisite plant.			
x	SALVIA AZUREA, Lam., var. <i>grandiflora</i> -----	.25	2.25	
	3-5 ft. Flowers clear azure-blue on long stems. Fall. A fine sort for the florist.			
x	SARRACENIA FLAVA, L. <i>Trumpet Leaf</i> -----	.10	.50	5.00
	2-3 ft. Pitchers tall yellow with open throat, covered by large, rounded, brown hood. Flowers large yellow and very showy. Early Spring.			
x	“ PURPUREA, L. <i>Pitcher Plant</i> -----	.10	.50	5.00
	1 ft. Pitchers are more prostrate, of deep purple, topped by large, purple-veined, broad hood. Flowers deep purple. April.			
x	“ VARIOLARIS, MX. <i>Spotted Trumpet Leaf</i> -----	.10	.60	6.00
	9-15 ins. Pitchers erect, yellowish-green, sometimes whitish-mottled. Hood is broad purple-veined and bends over. Flowers bright yellow. Quite rare. <i>S. demand moist ground and good drainage.</i>			
o	SAXIFRAGA BRONCHIALIS, L.-----	.30		
o	“ INTEGRIFOLIA, Hook.-----	.25	1.50	
o	“ NIVALIS, L.-----	.30		
o	“ PUNCTATA, L.-----	.30		
	<i>All these S. are more or less dwarf and finely adapted to alpine planting, where they demand half shade.</i>			
x	SCHRANKIA ANGUSTATA, T. & G. <i>Sensitive Briar</i> -----			
	Decumbent, several feet long. Leaves finely pinnate. Truly sensitive. Pink flowers resemble those of Mimosa pudica. July. Shade.			
x	SENECIO BIGELOVII, Gray-----	.15		
	2-3 ft. Robust. Yellow, rayless flowers. Late bloomer.			
x	“ DOUGLASII, DC.-----	.10	1.00	
	2-3 ft. Numerous, golden-yellow flowers. Conspicuously rayed.			
x	SILENE VIRGINICA, L. <i>Fire Pink</i> -----	.10	.75	
	1-2 ft. Flowers brilliantly fiery scarlet. Appear more or less all Summer. Very effective for low ground.			
x	SISYRINCHIUM ANGUSTIFOLIUM, Mill. <i>Blue-eyed Grass</i> -----	.10	.50	
	1 ft. Flowers delicate blue. Leaves grass-like.			
x	SOLANUM UMBELLIFERUM, Eschsch.-----	.15	1.50	
	1 ft. Flowers violet-blue. In umbel-like clusters. Showy and fragrant. Very desirable.			
x	SOLIDAGO MULTIRADIATA, Ait., var. <i>scopulorum</i> , Gray-----	.10	1.00	
	3-18 ins. Large, many-flowered heads. Rare.			

		Pkt.	Oz.	Lb.
x	SOLIDAGO NEMORALIS, Ait. <i>Goldenrod</i> -----	.25		
	Low.			
x	“ RIGIDA, L. -----	.10	1.50	
	2 ft. Heads large and showy. Does not spread.			
x	“ SPECTABILIS, Gray-----	.15		
	2 ft. Fragrant flowers, in large panicles. Forms dense clumps.			
xo	SPIRAEA CAESPITOSA, Nutt.-----	.35		
	Rare. A low herb of wonderful beauty. Forms large velvety tufts of grayish-green color. Flowers white, in short racemes. Resembles a Saxifraga somewhat in habit. Elegant ground cover. Entirely hardy.			
xo	SPRAGUEA UMBELLATA, Torr.-----	.25		
	Annual or biennial. Flowers white, with rose in late Fall.			
x	STILLINGIA SYLVATICA, L. <i>Queen's Delight</i> --	.10	.40	
	2-3 ft. Much branched. Grows well from seed. Hardy.			
xo	SYNTHYRIS PLANTAGINEA, Benth.-----	.25		
	Low. Purple flowers late in Fall. Closely related to Wulfenia.			
x	TEPHROSIA VIRGINICA, L. <i>Devil's Shoestring</i> -	.10	.60	
	2-3 ft. Spreading roots. Very good sand-binding plant. Leaves pinnate. Flowers handsomely colored. (Leguminosae.)			
x	THALICTRUM CORNUTI, Ait. <i>Feathered Colum-</i>			
	<i>bine</i> -----	.15	1.00	
	4-6 ft. Profuse bloomer. Flowers white, in large, feathery sprays. Foliage finely dissected. Fine plant.			
xo	“ FENDLERI, Eng.-----	.15	1.25	
	1-3 ft. Compact grower. Fine for rockeries.			
x	TRADESCANTIA ROSEA, Vent. <i>Rose Spiderwort</i>	.10	1.00	
	6 ins. Flowers bright rose. Profuse bloomer all Summer. Foliage grass-like. Very handsome border plant for any soil.			
x	VALERIANA EDULIS, Nutt.-----	.35		
	2-4 ft. Flowers yellowish-white, on long panicles. Leaves thick and strongly veined. Roots are eaten by Indians.			
x	VIOLA ALSOPHYLLA, <i>White Marsh Violet</i> -----	.40		
	Flowers white, rather large. Any soil, but prefers moist ground.			
x	“ CANINA, L.-----	.50		
	Flowers pale blue. Very rare.			
x	“ COGNATA-----	.25		
	Large blue flowers.			
x	“ DELPHINIFOLIA, Nutt.-----	.30		
	Flowers lilac-purple.			
x	“ NUTTALLI, Pursh.-----	.35		
	Flowers large yellow, tinged purple at back.			
x	“ PEDATA, L. <i>Bird's Foot Violet</i> -----	.35		
	Flowers very large, light purple or blue.			
x	“ BECKWITHI, T. & G.-----	.35		
	Deep blue flowers.			
x	XYRIS BREVIFOLIA, Mx. <i>Short-leaved Yellow-</i>			
	<i>eyed Grass</i> -----	.10	.50	
	6-12 ins. Small yellow flowers, iris-shaped and appear in light brown, globular spikes, which much resemble diminutive pine cones. Bog plant.			
x	“ CAROLINIANA, Walt.-----	.10	.50	
	2-3 ft. Much resembling above, but much taller.			



YUCCA FILAMENTOSA
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02 JAMESIA AMERICANA
PAGE 10

08 LEUCOCRINUM MONTANUM
PAGE 11



ROOTS AND BULBS.

FOR DESCRIPTIONS OF MANY OF THESE PLANTS SEE PREVIOUS PAGES.

Five at ten rates; fifty at one hundred rates. Special prices by letter for larger quantities.

	10	100		10	100
ACONITUM COLUMBIANUM.....	.80	7.50	CROTOLARIA SAGITTALIS. <i>Rattlebox</i>	.60	4.00
" FISCHERI .....	.75	6.00	CTENIUM AMERICANUM. <i>Toothache</i>		
" UNCINATUM. <i>Wild Monk's Hood</i>	.80	7.50	<i>Grass</i>.....	.75	3.00
3-5'. Flowers rich blue. Summer. Splendid effect.			CYPRIPEDIUM ACAULE.....	1.75	15.00
ALLIUM ATTENUIFOLIUM.....	.75	5.00	" SPECTABILE.....	1.75	15.00
" BIDWELLIAE .....	.75	5.00	DARLINGTONIA CALIFORNICA.		
" PLATYCAULE .....	.75	5.00	Budded plants	1.50	12.00
" SANBORNII .....	.75	5.00	Plants without buds	1.00	9.00
ALETRIS FARINOSA.....	.30	1.50	DELPHINIUM DECORUM.....	.75	5.00
AMSONIA TABERNAEMONTANA.....	.75	5.00	" NUDICAULE.....	.75	6.00
AQUILEGIA CHRYSANTHA.....	.80	6.00	Flowers bright orange red to deep cardinal.		
" FORMOSA, var. <i>truncata</i>.....	.75	5.00	DICENTRA FORMOSA.....	1.20	10.00
ARENARIA DIFFUSA. <i>Sandwort</i>.....	.75	5.00	Fern-like foliage. Flowers pale rose.		
ARUNDINARIA TECTA.....clumps	4.50		" UNIFLORA.....	.60	5.00
ASARUM HARTWEGI.....	.75	6.00	A splendid alpine, with pink flowers.		
" VIRGINICUM.....	.40	2.00	DODOCATHEON ALPINUM.....	.75	5.00
ASCLEPIAS TUBEROSA.....	.80	4.00	Very large, dark purple flowers.		
ASTER CANESCENS.....	.80	6.00	" HENDERSONI .....	.80	6.00
" POLIACEUS, var. <i>burkei</i>	1.00	8.00	Flowers rose purple.		
" MULTIFLORUS.....	1.20	10.00	" PATULUM.....	.80	6.00
BOYKINIA MAJOR.....	1.00	8.00	Flowers cream with purple.		
2-3'. Flowers white. (Saxifrag.) Very handsome.			" TETANDRUM.....	.75	5.00
BRODIAEA BRIDGESI.....	.75	6.00	Flowers purple, with yellow rings near base.		
Flowers reddish-purple. A lovely kind.			EPIGAEA REPENS.....	.60	3.00
" CALIFORNICA. <i>Pink Brodiaea</i>	1.00	8.00	ERIOCAULON DECANGULARE. <i>Pipe-</i>		
Flowers rose to deep purple. Magnificent.			<i>wort</i>.....	.60	3.00
" CAPITATA .....	.75	5.00	ERIOPHORUM VIRGINICUM. <i>Cotton</i>		
Flowers lilac. Very early bloomer.			<i>Grass</i>.....	.70	4.00
" IXIODES. <i>Yellow B.</i>.....	.80	6.00	ERYTHRONIUM AMERICANUM. <i>Dog's</i>		
" LAXA.....	.75	5.00	<i>Tooth Violet</i>.....	.35	1.50
Flowers purple. One of the best kinds.			Very early Spring bloomer. Flowers are yellow with darker spots near the base. Rich, fairly moist soil.		
" PURDYI.....	.75	5.00	EPIPACTIS ROYLEANA (GIGANTEA)	.90	8.00
A very distinct kind, with purple flowers.			Rare, hardy, terrestrial orchid. 1-4'. Flowers are greenish, strongly veined with purple. June-July.		
CAMASSIA ESCULENTA CANDIDISSIMA	1.00	7.50	ERIGERON GLABELLUS.....	.60	4.00
CAMPANULA PARRYI.....	.75	5.00	" GLABELLUS ALPINUS.....	.75	5.00
CANNA FLACCIDA.....	.75	3.00	" MACRANTHUS.....	.75	5.00
CALTHA BIFLORA.....	1.00	9.00	" NEO-MEXICANUS.....	.85	6.00
Very rare. Flowers bluish-white.			FRITILLARIA LANCEOLATA, var.		
CASTILLEJA INTEGRA.....	.75	6.00	<i>gracilis</i>	1.20	10.00
" MINIATA .....	.75	6.00	1-2'. Flowers are deep purple and distinctly checkered.		
CHIMAPHILA MACULATA. <i>Prince's</i>			" RECURVA. <i>Red Bell</i>.....	.75	6.00
<i>Pine</i>.....	.60	3.00	6-24". The flowers are very beautifully red outside and golden yellow with red spots inside. Plant in rich, loamy soil in half shade.		
CHRYSOPSIS VILLOSA.....	.60	5.00	GALACTIA GLABELLA.....	.40	2.00
Splendid border plant.			GALAX APHYLLA.....	.60	3.00
CIMICIFUGA AMERICANA.....	.75	4.50			
" RACEMOSA .....	.75	4.50			
CLEMATIS LASIANTHA.....	3.00				
CLITORIA MARIANA. <i>Butterfly Pea</i>	.75	5.00			

	10	100		10	100
GENTIANA AFFINIS.....	.75	5.00	with yellow veins. Very early		
" ANGUSTIFOLIA.....	.75	5.00	Spring bloomer. Grows in		
" PARRYI.....	.85	7.00	any soil. Nice border.		
" SAPONARIA.....	.75	5.00	JATROPHA STIMULOSA. <i>Stinging</i>		
GERANIUM INCISUM.....	.75	5.00	<i>Nettle</i>	1.00	5.00
1'. Hardy. A splendid kind,			LACHNANTHES TINCTORIA. <i>Paint</i>		
with finely cut leaves and			<i>Root</i>.....	.75	4.00
large purple flowers.			2-3'. Leaves 12-18" long, thick.		
GEUM ROSSII.....	1.20	10.00	Flowers $\frac{1}{2}$ " long, woolly yellow,		
Excellent kind for rockeries,			in terminal or lateral		
with golden-yellow, large			heads. Root red and fibrous.		
flowers. Light, fairly moist			Moist ground. Very hand-		
soil and sun.			some.		
" TRIFLORUM.....	.90	8.00	LEUCOCRINUM MONTANUM. <i>White</i>		
Flowers of a dull red shade			<i>Sand Lily</i>.....	.75	5.00
are followed by very pretty			Dwarf. Lovely white fragrant		
fruits. A fine plant for rock-			lily-like flowers about 2" long		
eries.			and $\frac{1}{2}$ " across in clusters, in		
GYMNOLOMIA MULTIFLORA.....	.60	4.00	early Spring. Grass-like foli-		
1-3'. A very showy composite,			age.		
with large, golden flowers.			LEWISIA REDIVIVA. <i>Bitter Root</i>.....	.75	5.00
GILLENIA STIPULACEA.....	.60	3.00	Dwarf. Thick, fleshy leaves.		
HABENARIA BLEPHARIGLOTTIS.....	.75	3.00	Flowers are handsome, large		
" CILIARIS.....	.75	3.00	and of rosy to red shade, ap-		
HELIANTHUS ORGYALIS.....	1.00	7.00	pearing in Midsummer. Rock-		
Tall-growing, much-branched			eries.		
sun-flower, with nearly			LIATRIS ODORATISSIMA. <i>Vanilla</i> .		
smooth leaves. The flowers			(TRILISA OD.).....	.75	4.00
appear in long spikes, are of			2-3'. Leaves have the fra-		
rich yellow color and about 3"			grance of vanilla. The purple		
across. Splendid kind.			flowers appear in panicles in		
HELONIAS BULLATA. <i>Swamp Pink</i>	.75	4.50	August. Root is fibrous. Very		
Dark green leaves in cluster.			fine and hardy plant.		
The pink flowers, with blue			" GRAMINIFOLIA. <i>Button Snake-</i>		
anthers, appear in early			<i>root</i>.....	.50	2.00
spring. A lovely bog plant of			" SQUARROSA. <i>Blazing Star</i>.....	.50	2.00
easy culture.			LILIUM HUMOLDTI. (L. PUBERU-		
HEPATICA TRILOBA. <i>Liverleaf</i>.....	.65	3.00	LUM.).....	1.25	9.00
Pale green, deeply-lobed foli-			4-5'. A beautiful species of		
age. Flowers lovely pale blue			grand appearance. Flowers		
in very earliest Spring. Half			are large, bright orange, with		
shade or rockery.			many dark spots. Very large		
HERACLEUM PERSICUM.....	.85	5.00	bulbs.		
An elegant tall-growing plant			" PARDALINUM.....	.75	6.00
for single planting.			2-3'. A grand bloomer. Flow-		
HEUCHERA AMERICANA. <i>Alum</i>			ers are bright red, shading to		
<i>Root</i>.....	.75	4.00	yellow towards centre. For		
Handsome green and white			damp ground.		
tinted leaves. White flowers			" WASHINGTONIANUM.....	1.00	7.50
appear on tall spikes in June.			3-5'. A magnificent lily worth		
Nice for rockeries.			general cultivation. Flowers		
HESPEROCHIRON CALIFORNICUM.			are white, tinged pink, and		
<i>Western Centaury</i>.....	.60	4.00	very fragrant.		
Dwarf. Flowers are bell-			MERTENSIA ALPINA. <i>Mountain</i>		
shaped and bright purple. A			<i>Forget-me-not</i>	1.00	8.00
very handsome, rare plant,			Dwarf. Bright blue flowers.		
which is treated best as a bi-			For border and rockery.		
ennial. Needs good soil and			" SIBIRICA.....		
sun.			2-4'. Flowers are large, light		
IRIS DOUGLASIANA.....	1.25	8.50	blue, in dense heads. A very		
1-2'. Rare. Flowers pale lilac			desirable plant for sunny		
with purple vein.			places.		
" HARTWEGI.....	1.25	8.50	MITCHELLA REPENS. <i>Partridge</i>		
1'. Very handsome yellow iris.			<i>Berry</i>.....	.60	3.00
" HEXAGONA.....	.75	4.00	A very pretty evergreen trail-		
" PALLIDA.....	2.50		er, with bright coral red ber-		
A very rich dark blue with			ries which hang on all Winter.		
black veins.			Moist ground and shade.		
" VERSICOLOR.....	.65	2.50	MONARDA FISTULOSA MOLLIS. <i>Wild</i>		
2-3'. large, pale blue flowers			<i>Bergamot</i>.....	.75	6.00
with white veins.			2-3'. Flowers fleshy-pink col-		
" VERA. <i>Blue Flag</i>.....	.50	2.00	or, in large heads.		
Dwarf. Flowers bright blue			MONARDELLA ODORATISSIMA.....	.75	6.00
			Dwarf. Perennial. Flowers		
			purplish in heads. Odor of		
			pennyroyal.		

	10	100
ORONTIUM AQUATICUM. <i>Golden Club</i> A splendid aquatic. Glossy thick leaves, silvery underneath. The golden-yellow flowers appear on club-shape scape in early Spring. Hardy.	.60	3.00
PEDICULARIS PARRYI..... Very finely pinnated foliage. Flowers yellow in dense spike. For rockeries.	.85	5.00
PARDANTHUS (BELEMCANDA) CHINENSIS. <i>Leopard Flower</i> Orange and red spotted iris-flowers. Hardy. Rich soil and sun.	.65	4.00
PASSIFLORA INCARNATA. <i>Passion Flower</i>.....	.50	3.00
PENTSTEMON BARBATUS.....	.80	5.00
“ BARBATUS, var. <i>torreyi</i>.....	.80	5.00
“ BRIDGESI.....	.75	4.00
“ GLABER.....	.75	5.00
“ GLAUCUS, var. <i>stenosepalus</i>.....	.75	5.00
“ JAMESI.....	.85	6.00
“ LINARIOIDES.....	.80	5.00
“ SPECTABILIS.....	.85	6.00
“ VIRGATUS..... All P. need clayey calcareous soil and exposure to sun.	.85	6.00
PHLOX SUBULATA. <i>Moss Pink</i> \$20.00 per 1000	.50	3.00
“ SPECIES NOVA..... Fine turf forming.	.75	6.00
POLYGALA LUTEA. <i>Batchelor's Button</i> Dwarf. Thick bright green leaves. Flowers are very showy orange-yellow, in dense roundish heads. All Summer. Moist ground.	.50	2.50
PRIMULA PARRYI.....	1.00	7.50
PYXIDANTHERA BARBULATA. <i>Pyxie, Flowering Moss</i> One of the choicest ground covering plants. Botanically a shrub. The foliage is fine, light green and moss-like. The intrinsic beauty of the plant is best shown when it is covered in earliest Spring, together with <i>Epigaea</i> , with masses of pinkish-white starry flowers. Long bloomer. Moist ground.	1.50	8.00
RHEXIA MARIANA. <i>Deer Grass</i>.....	.60	3.00
“ VIRGINICA. <i>Meadow Beauty</i>...	.60	3.00
SARRACENIA FLAYA. <i>Trumpet Leaf</i>.....	.75	4.00
“ PURPUREA. <i>Pitcher Plant</i>.....	.60	3.00
“ VARIOLARIS. <i>Spotted Trumpet Leaf</i>.....	.75	4.00
SCHRANKIA ANGUSTATA. <i>Sensitive Briar</i>	1.00	6.00

	10	100
SILENE VIRGINICA. <i>Fire Pink</i>.....	.60	3.00
SISYRINCHIUM ANGUSTIFOLIUM. <i>Blue-eyed Grass</i>.....	.50	2.50
“ GRANDIFLORUM.....	1.00	7.50
1'. A very handsome hardy plant with good-sized bright purple flowers. Any soil.		
TEPHROSIA VIRGINIANA. <i>Devil's Shoestring, Goat's Rue</i>.....	.75	4.00
TRADESCANTIA ROSEA. <i>Rose Spiderwort</i>.....	.60	3.00
VALERIANA ARIZONICA.....	1.50	12.00
Very rare hardy plant for sunny places and rockeries. Leaves bright green, fleshy. Flowers light pink in earliest Spring. A splendid acquisition.		
VIOLA CHRYSANTHA.....	1.00	7.50
Rare. Yellow flowered species.		
“ LOBATA.....	1.00	7.50
Rare. Yellow flowers. Deeply lobated leaves.		
“ PEDATA. <i>Bird's Foot Violet</i>.....	.60	3.00
“ SPECIES NOVA..... White flowers. Alpine.	1.00	7.50
XYRIS BREVIFOLIA.....	.60	3.00
“ CAROLINIANA.....	.50	2.50
CHRYSANthemum.....	1.00	4.00
Selected hardy forms, from old gardens. Large flowers. Mixed colors. Unnamed.		
POA ARACHNIFERA. <i>Texas Blue Grass</i> . A highly valued Winter green grass for dense turf in sandy soils, or for Winter pasture. Plant sets about 8" apart each way and, under proper care, the ground will be covered within a few months. \$1.25 per 1000 sets, \$9.00 per 10,000 sets. Prices for larger lots by letter.		

PINEHURST VIOLET.

Plants	.50	2.00
Clumps	1.00	3.50
There is no better all-around violet. The flowers are very large, deep purple and sweetly fragrant. Borne on stems 6-9" long. Very easily forced and valuable also for its rich green and very large foliage. It seems identical with the Dorsett Violet, lately introduced. It is fully worth a trial and we can furnish any quantities. Sample plants at 10 cents postpaid.		

COLLECTIONS.

Please order by numbers.

I. We are prepared to send out *twelve 10-cent packages* of any of the seeds offered in this catalogue, customer's selection, for eighty cents, postpaid.

In response to many requests we further offer the following collections, *our* selection, postpaid:

CONIFERS.

II.	12 one-ounce packages of hardy conifers.....	\$4.00
III.	12 " " " " tender "	3.50

TREES AND SHRUBS.

IV.	12 one-ounce packages of evergreen trees and shrubs	2.00
V.	12 " " " " deciduous " " "	1.50

HERBACEOUS SEEDS.

VI.	12 packages (full) for cut flowers.....	2.00
VII.	12 " " " " alpine planting or rockery.....	2.00
VIII.	12 " " " " mixed planting.....	2.00

We strictly reserve the right to make our own selections for collections II-VIII, but at the same time we are willing to accommodate any special wishes of our customers when possible.

The prices for these collections are so materially reduced from our catalogue quotations, that we can send them out only when orders are accompanied by cash.

ABIES ARIZONICA, Merr. var. argentea.

Silver Cork Fir.

The fame of this beautiful new fir is now well established and specimens are growing in many parts of this country. It is truly unique, with its intensely silver-blue foliage and the silvery-white cork bark, which develops as soon as the trees attain a height of about three to four feet. Where planted in rich and not too dry soil, it proves a rapid grower, increasing about six to twelve inches during one season.

IT IS ENTIRELY HARDY.

A number of customers have reported their experiences with it, and we have to hear of a case yet where it was winter killed. A customer in Maine, for instance, wrote us recently: "The A. a. a. received from you in Spring of 1901 are growing well." Another one writes from Long Island, N. Y.: "The plants (A. a. a.) purchased from you a year ago we find perfectly hardy." Mr. Joseph Meehan writes in the "Florists' Exchange" of May 31st, 1902: "Early in the winter, just previous to severe, freezing weather, Mr. Katzenstein, of the Pinehurst Nurseries, sent me a small plant of the Silver Cork Fir, *Abies arizonica*. It was planted at once, a good mulch of of leaves and manure placed about it to keep the frost from the roots, with the top quite unprotected. It wintered in first-class condition, and is now making a new growth. Considering its late planting and the immediate setting in of Winter, it would have been no surprise had the plant not done well, and it is therefore a pleasure to record its good behavior." Quite a number of other customers report similarly.

The seed offered on 2nd page of this catalogue will give splendid results, but it will take several years, of course, before plants of any size can be raised from it. We advise, therefore, to not only make a sowing but to plant some specimens at the same time. We can supply them in limited quantities at the following prices:

6-9 inches high, each	\$1.75
9-12 " " "	2.50
12-18 " " "	3.00
18-24 " " "	4.50
2-3 feet " "	9.00

AGAVE APPLANATA, var. Parryi, vel AGAVE PARRYI,

is another grand novelty. It is an **entirely hardy Agave** and ought to find useful employment in many ways. It has grayish-green, very thick, fleshy, stiff leaves, about 18 inches long, and long, brown, stiff spines at their ends. Full sized plants have a diameter of about two feet. The flowers are greenish-yellow and 2 to 4 inches long. We offer good sized plants at \$3.00 each and smaller ones at from 50 cents to \$1.50 each, according to size.

These novelties ought to be planted everywhere.

